

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013125AL\
 Data File : FD049025.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2025 16:05
 Operator : YP/AJ
 Sample : PB166432BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB166432BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e

Quant Time: Feb 03 06:07:30 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 05:57:24 2025

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)	11.243	7532544	39.010 ug/ml
Spiked Amount 50.000		Recovery =	78.02%
12) S 1-chlorooctadecane (S...	12.684	6182626	42.121 ug/ml
Spiked Amount 50.000		Recovery =	84.24%
Target Compounds			
1) T n-Nonane (C9)	3.130	8791224	54.971 ug/ml
2) T n-Decane (C10)	4.163	9303429	57.057 ug/ml
3) T A~Naphthalene (C11.7)	5.702	10942025	64.029 ug/ml
4) T n-Dodecane (C12)	6.147	9776959	59.032 ug/ml
5) T A~2-methylnaphthalene...	6.746	10142174	62.918 ug/ml
6) T n-Tetradecane (C14)	7.927	9967787	60.294 ug/ml
7) T n-Hexadecane (C16)	9.515	10023187	58.131 ug/ml
8) T n-Octadecane (C18)	10.948	10051742	57.008 ug/ml
10) T n-Eicosane (C20)	12.251	10652635	61.896 ug/ml
11) T n-Heneicosane (C21)	12.857	9852118	57.858 ug/ml
13) T n-Docosane (C22)	13.440	9767935	57.442 ug/ml
14) T n-Tetracosane (C24)	14.486	19841527	116.464 ug/mlm
15) T n-Hexacosane (C26)	15.555	9347920	55.810 ug/ml
16) T n-Octacosane (C28)	16.497	9245024	55.575 ug/ml
17) T n-Tricontane (C30)	17.383	8980276	52.316 ug/ml
18) T n-Dotriacontane (C32)	18.208	8407016	51.425 ug/ml
19) T n-Tetratriacontane (C34)	18.987	7358537	52.818 ug/ml
20) T n-Hexatriacontane (C36)	19.721	5913539	51.427 ug/ml
21) T n-Octatriacontane (C38)	20.416	4727032	45.619 ug/ml
22) T n-Tetracontane (C40)	21.191	3692802	38.531 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013125AL\
Data File : FD049025.D
Signal(s) : FID2B.ch
Acq On : 31 Jan 2025 16:05
Operator : YP/AJ
Sample : PB166432BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

Client Sample Id :

PB166432BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e

Quant Time: Feb 03 06:07:30 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.

Quant Title : GC Extractables

QLast Update : Sat Jan 25 05:57:24 2025

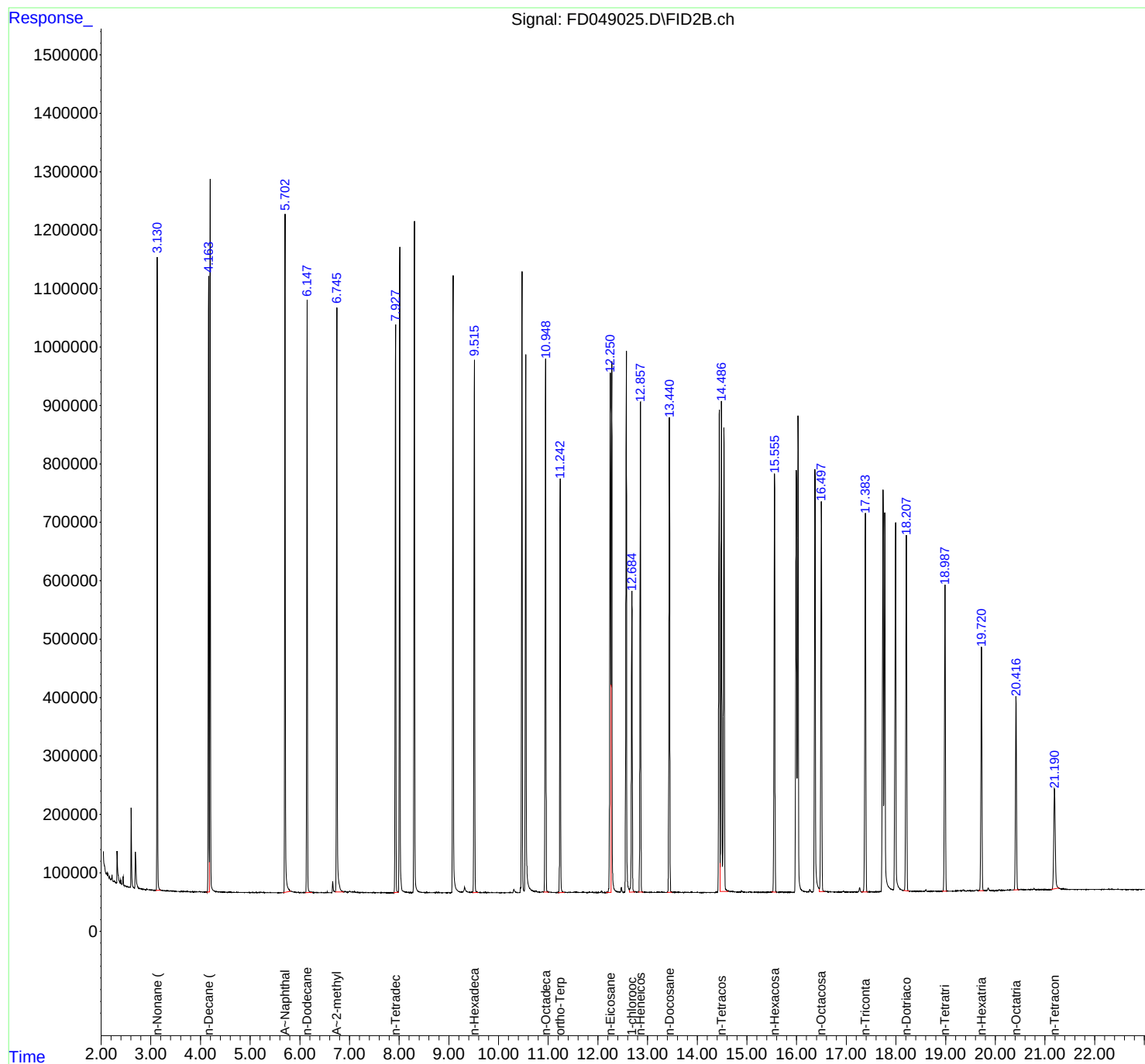
Response via : Initial Calibration

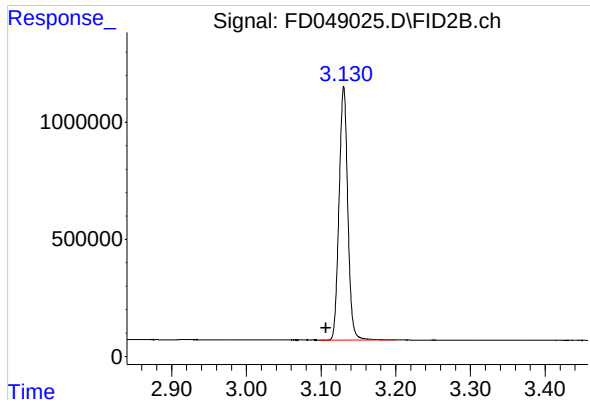
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.130 min
Delta R.T.: 0.023 min
Response: 8791224
Conc: 54.97 ug/ml

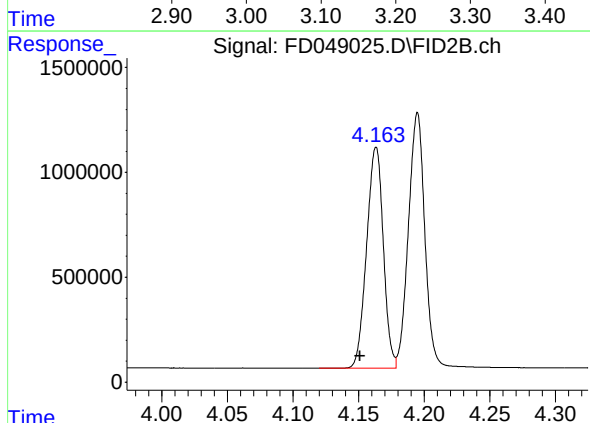
Instrument :

FID_D

ClientSampleId :
PB166432BS

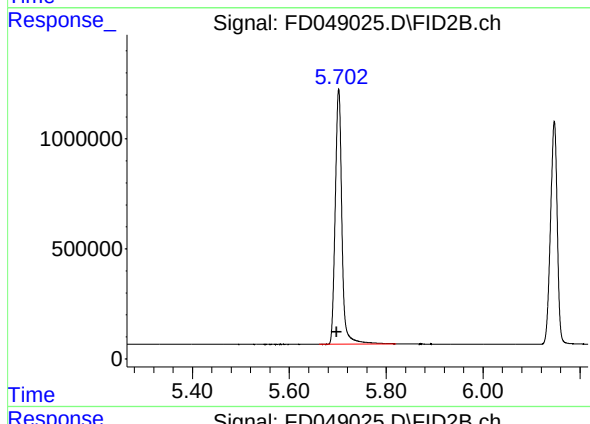
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



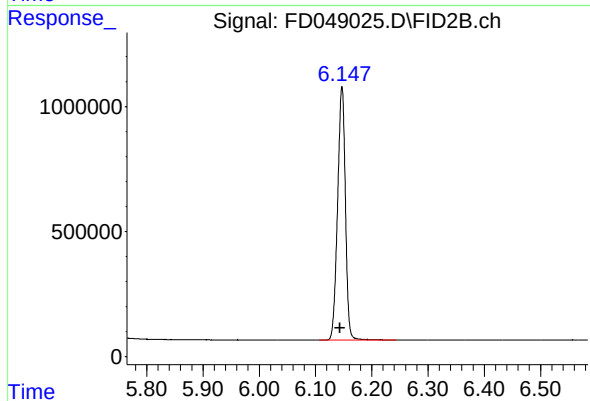
#2 n-Decane (C10)

R.T.: 4.163 min
Delta R.T.: 0.012 min
Response: 9303429
Conc: 57.06 ug/ml



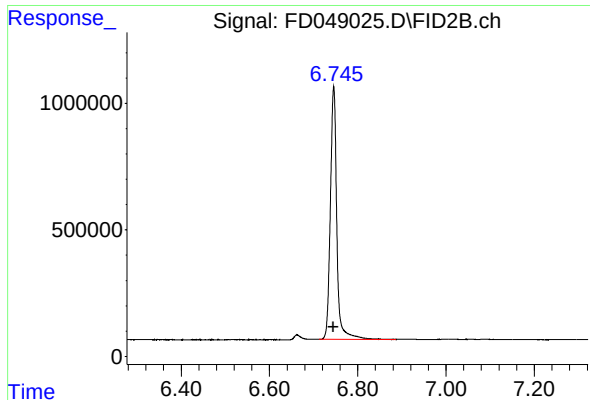
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: 0.004 min
Response: 10942025
Conc: 64.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.147 min
Delta R.T.: 0.004 min
Response: 9776959
Conc: 59.03 ug/ml



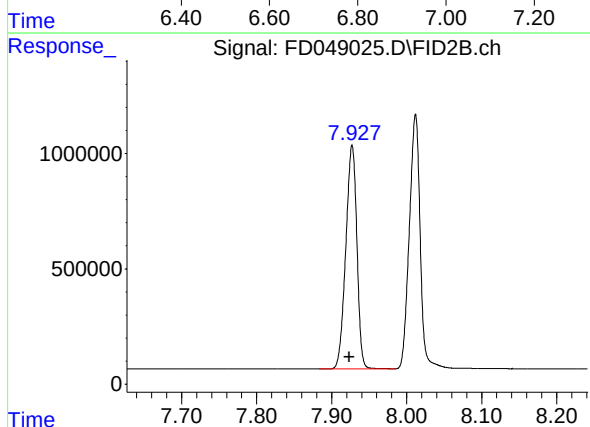
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: 0.002 min
Response: 10142174
Conc: 62.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166432BS

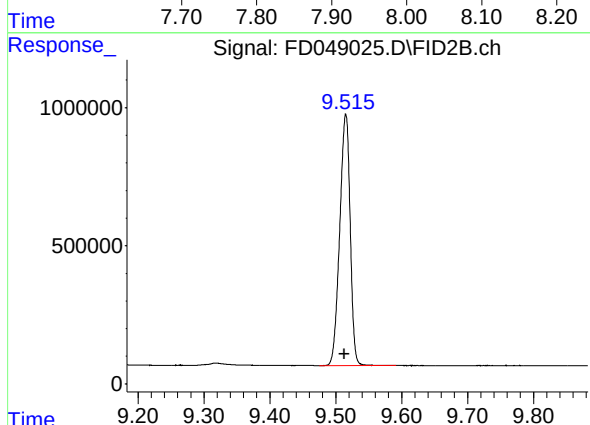
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



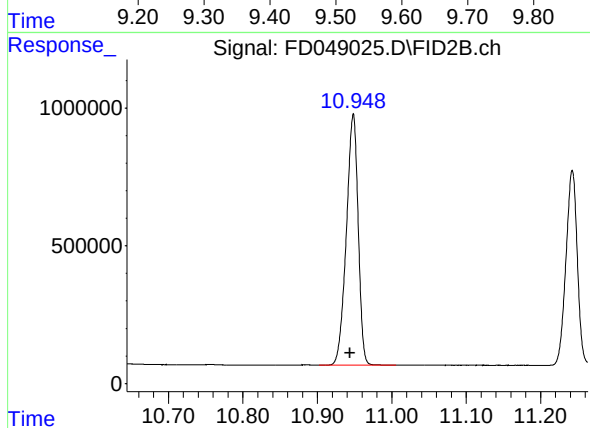
#6 n-Tetradecane (C14)

R.T.: 7.927 min
Delta R.T.: 0.004 min
Response: 9967787
Conc: 60.29 ug/ml



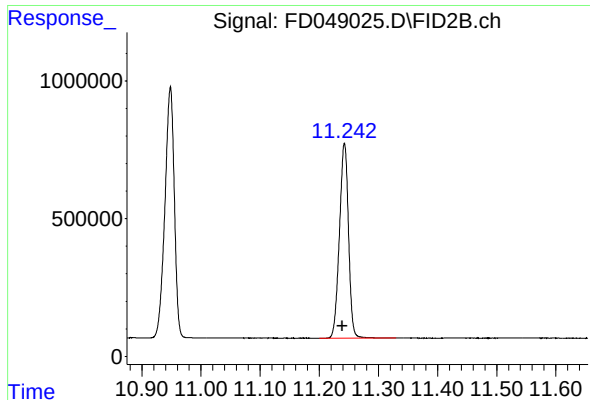
#7 n-Hexadecane (C16)

R.T.: 9.515 min
Delta R.T.: 0.002 min
Response: 10023187
Conc: 58.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.948 min
Delta R.T.: 0.004 min
Response: 10051742
Conc: 57.01 ug/ml



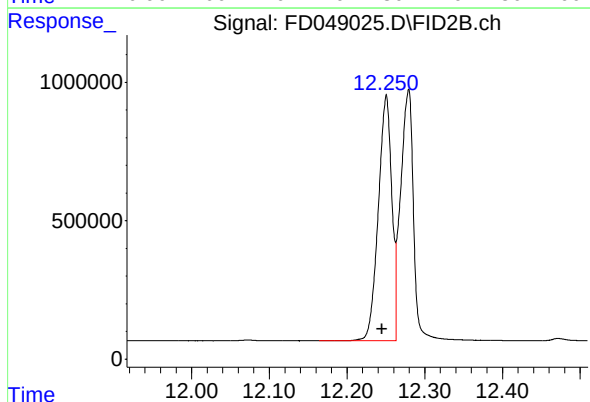
#9 ortho-Terphenyl (SURR)

R.T.: 11.243 min
Delta R.T.: 0.004 min
Response: 7532544
Conc: 39.01 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166432BS

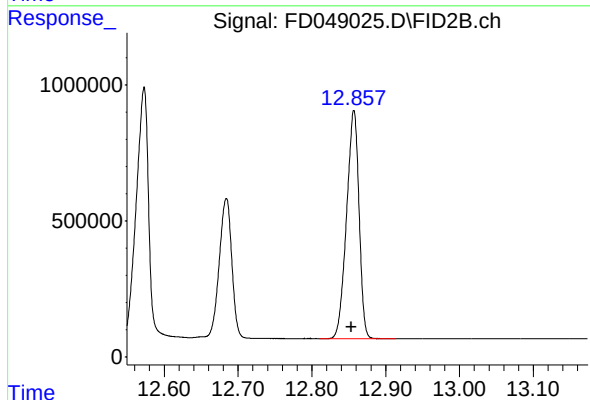
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



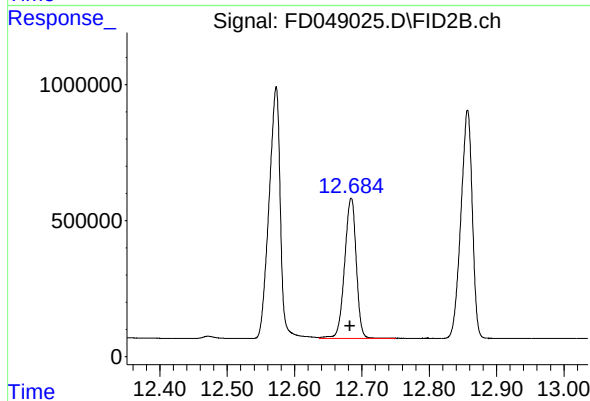
#10 n-Eicosane (C20)

R.T.: 12.251 min
Delta R.T.: 0.005 min
Response: 10652635
Conc: 61.90 ug/ml



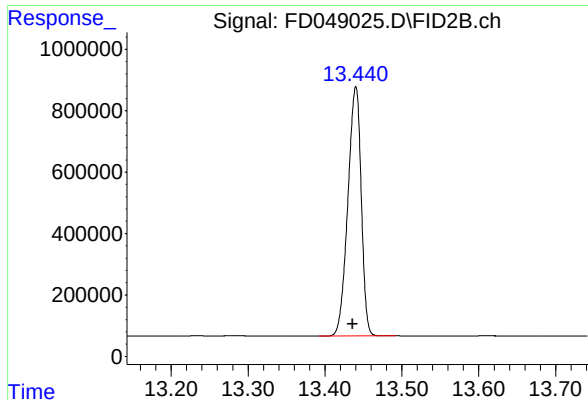
#11 n-Heneicosane (C21)

R.T.: 12.857 min
Delta R.T.: 0.003 min
Response: 9852118
Conc: 57.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.684 min
Delta R.T.: 0.002 min
Response: 6182626
Conc: 42.12 ug/ml



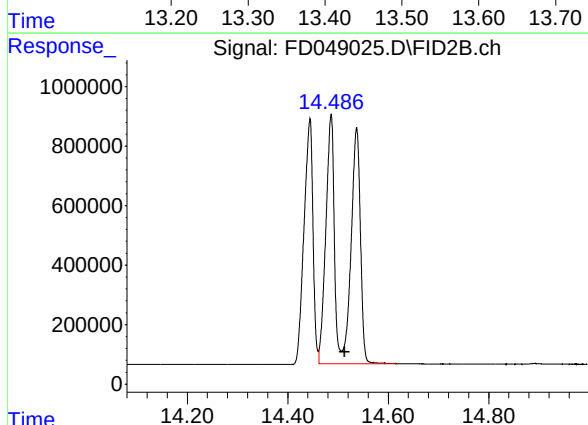
#13 n-Docosane (C22)

R.T.: 13.440 min
Delta R.T.: 0.004 min
Response: 9767935
Conc: 57.44 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166432BS

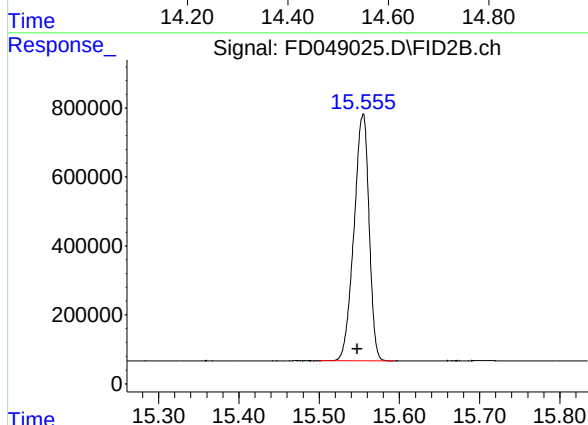
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



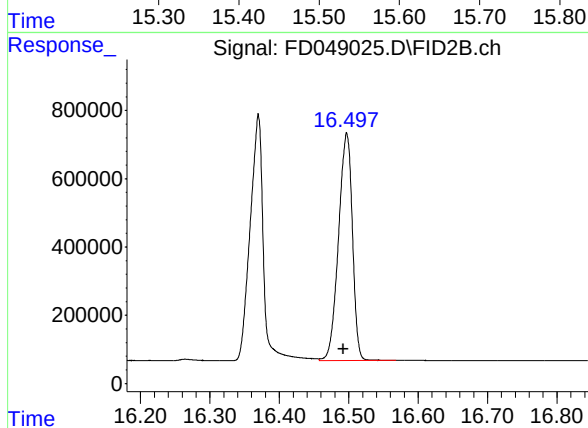
#14 n-Tetracosane (C24)

R.T.: 14.486 min
Delta R.T.: -0.027 min
Response: 19841527
Conc: 116.46 ug/ml m



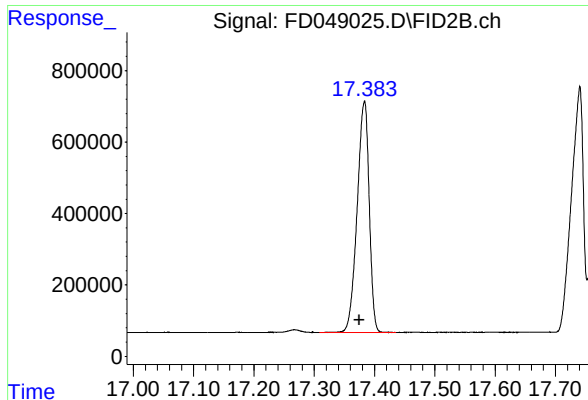
#15 n-Hexacosane (C26)

R.T.: 15.555 min
Delta R.T.: 0.007 min
Response: 9347920
Conc: 55.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.497 min
Delta R.T.: 0.005 min
Response: 9245024
Conc: 55.58 ug/ml



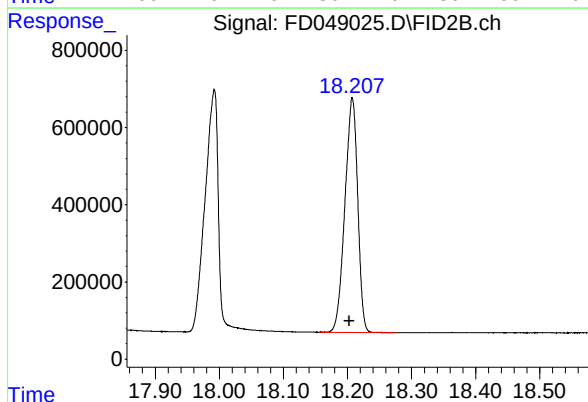
#17 n-Tricontane (C30)

R.T.: 17.383 min
Delta R.T.: 0.008 min
Response: 8980276
Conc: 52.32 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166432BS

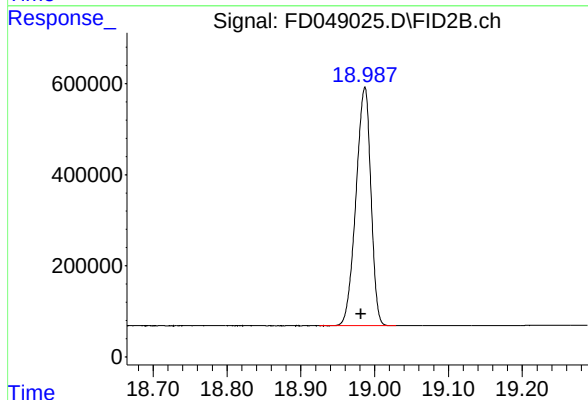
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



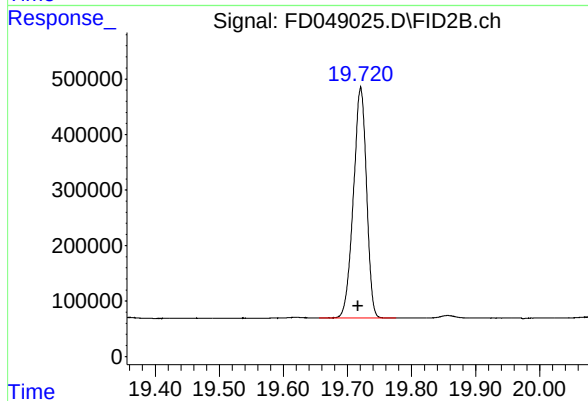
#18 n-Dotriacontane (C32)

R.T.: 18.208 min
Delta R.T.: 0.005 min
Response: 8407016
Conc: 51.43 ug/ml



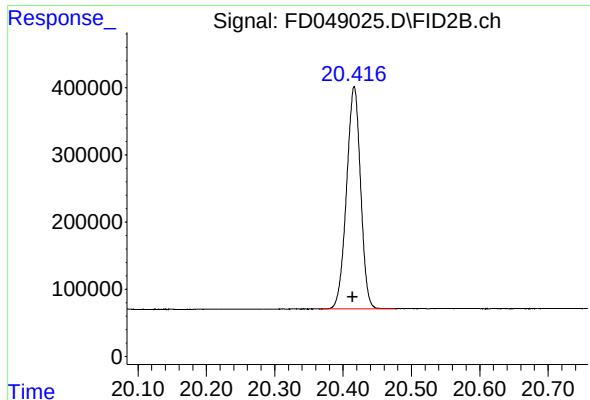
#19 n-Tetratriacontane (C34)

R.T.: 18.987 min
Delta R.T.: 0.005 min
Response: 7358537
Conc: 52.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.721 min
Delta R.T.: 0.004 min
Response: 5913539
Conc: 51.43 ug/ml



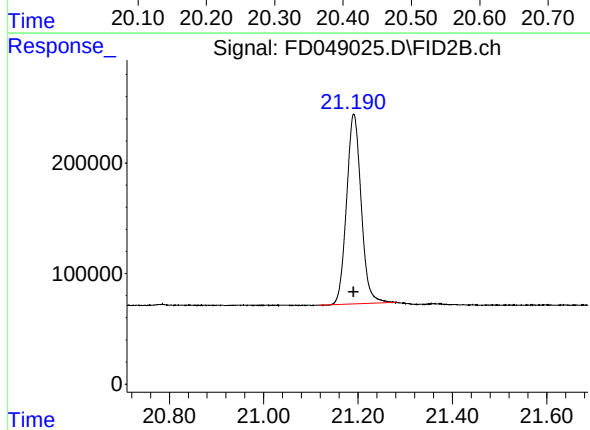
#21 n-Octatriacontane (C38)

R.T.: 20.416 min
Delta R.T.: 0.002 min
Response: 4727032
Conc: 45.62 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166432BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



#22 n-Tetracontane (C40)

R.T.: 21.191 min
Delta R.T.: 0.000 min
Response: 3692802
Conc: 38.53 ug/ml