

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053666.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 13:31
 Operator : YP\AJ
 Sample : PB167876BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167876BS

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

Integration File: sample.E

Quant Time: May 07 03:26:08 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 29 06:49:03 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

05/07/2025

 Supervised By :mohammad
 ahmed

Compound	R.T.	Response	Conc Units
-----05/08/2025			
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.865	6375047	35.346 ug/ml
Spiked Amount 50.000		Recovery =	70.69%
12) S 1-chlorooctadecane (S...	13.309	5027826	37.195 ug/ml
Spiked Amount 50.000		Recovery =	74.39%
Target Compounds			
1) T n-Nonane (C9)	3.217	5350791	39.028 ug/ml
2) T n-Decane (C10)	4.476	5663911	40.943 ug/ml
3) T A~Naphthalene (C11.7)	6.185	6664498	44.152 ug/ml
4) T n-Dodecane (C12)	6.653	5904840	42.103 ug/ml
5) T A~2-methylnaphthalene...	7.287	6085395	40.758 ug/ml
6) T n-Tetradecane (C14)	8.490	6080148	43.340 ug/ml
7) T n-Hexadecane (C16)	10.102	6063649	42.308 ug/ml
8) T n-Octadecane (C18)	11.550	6096957	41.836 ug/ml
10) T n-Eicosane (C20)	12.864	6275332	43.126 ug/ml
11) T n-Heneicosane (C21)	13.477	5996397	41.399 ug/ml
13) T n-Docosane (C22)	14.065	5963101	41.323 ug/ml
14) T n-Tetracosane (C24)	15.160	12169419	84.722 ug/ml
15) T n-Hexacosane (C26)	16.196	5774558	40.772 ug/ml
16) T n-Octacosane (C28)	17.145	5925839	42.593 ug/ml
17) T n-Tricontane (C30)	18.037	5605977	40.274 ug/ml
18) T n-Dotriacontane (C32)	18.868	5417456	39.455 ug/ml
19) T n-Tetratriacontane (C34)	19.654	5321872	40.845 ug/ml
20) T n-Hexatriacontane (C36)	20.396	4855801	38.463 ug/ml
21) T n-Octatriacontane (C38)	21.130	4818703	39.552 ug/ml
22) T n-Tetracontane (C40)	22.033	4751697	39.789 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
Data File : FE053666.D
Signal(s) : FID1B.ch
Acq On : 06 May 2025 13:31
Operator : YP\AJ
Sample : PB167876BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB167876BS

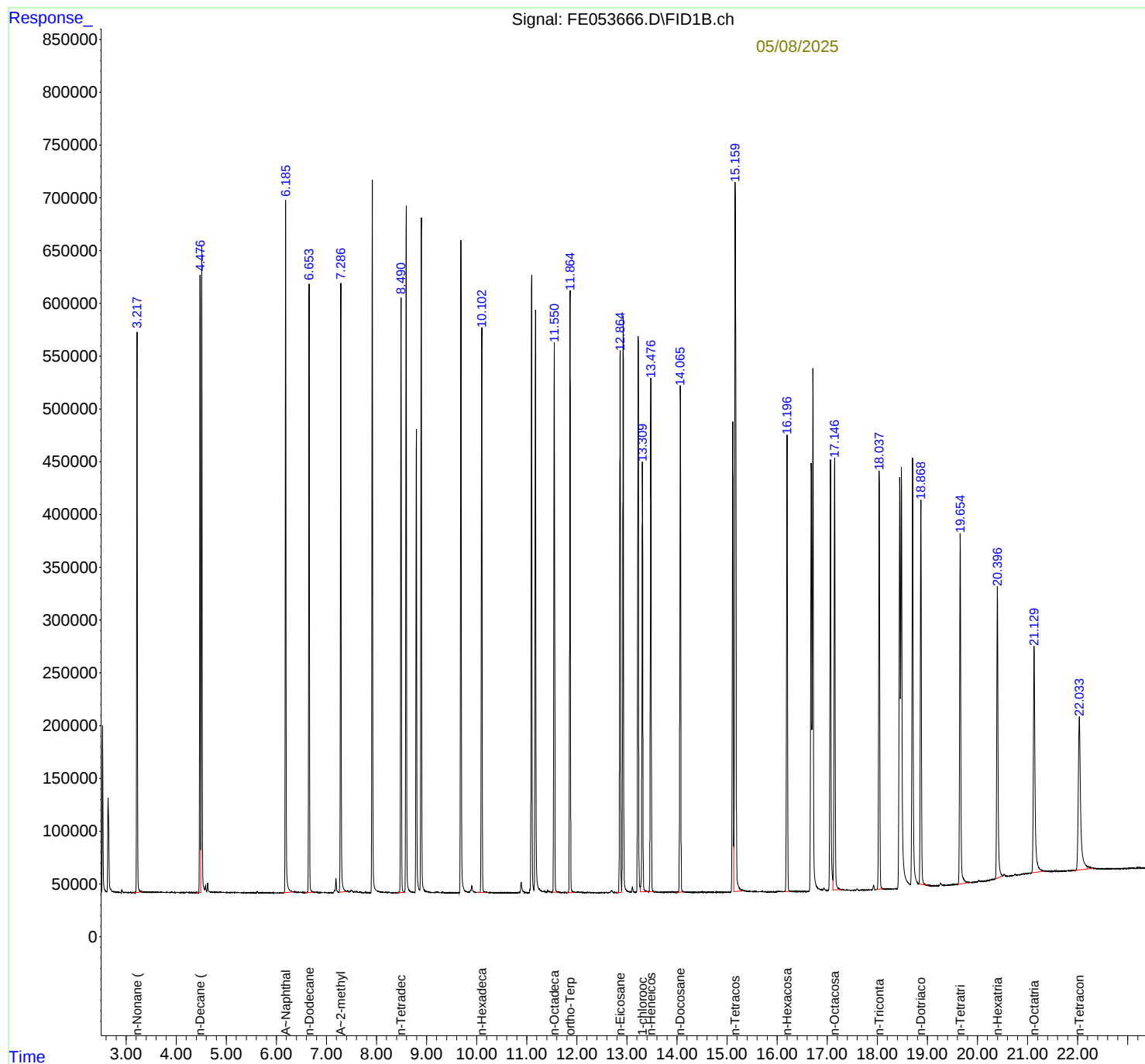
Manual Integrations
APPROVED

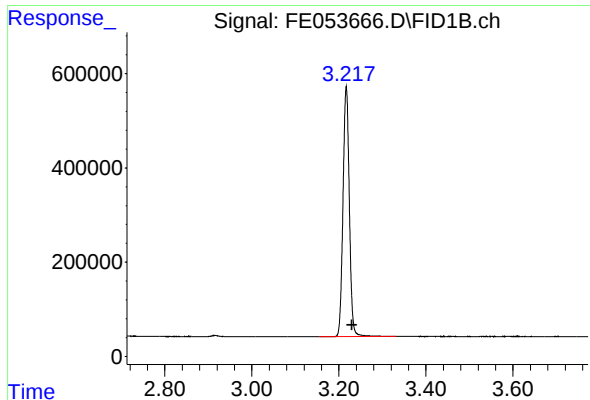
Reviewed By :Yogesh
Patel

Integration File: sample.E
Quant Time: May 07 03:26:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.
Quant Title : GC Extractables
QLast Update : Tue Apr 29 06:49:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

05/07/2025
Supervised By :mohammad
ahmed





#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.013 min
Response: 5350791
Conc: 39.03 ug/ml

Instrument :

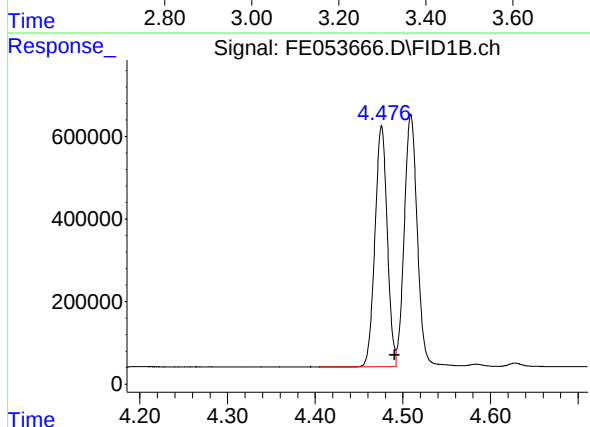
FID_E

ClientSampleId :

PB167876BS

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



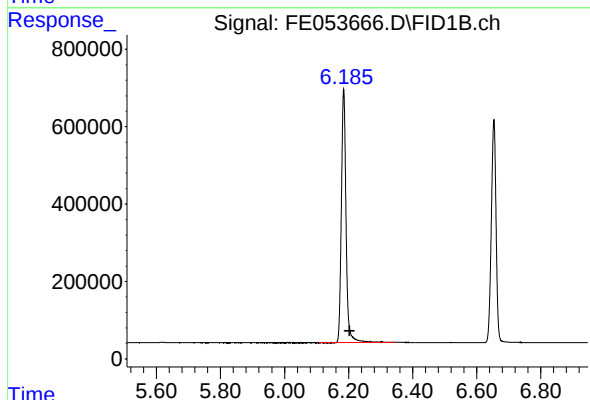
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.015 min
Response: 5663911
Conc: 40.94 ug/ml

05/07/2025

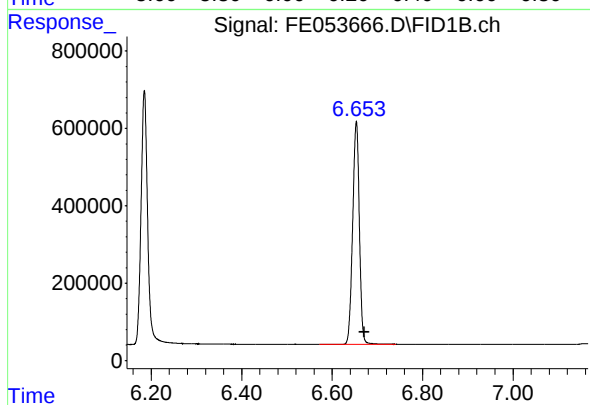
Supervised By :mohammad
ahmed

05/08/2025



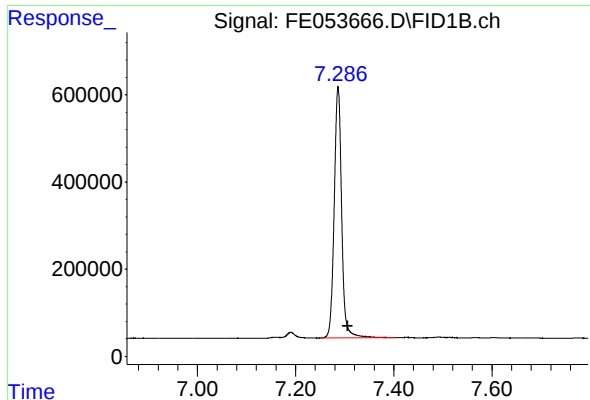
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.019 min
Response: 6664498
Conc: 44.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.653 min
Delta R.T.: -0.017 min
Response: 5904840
Conc: 42.10 ug/ml



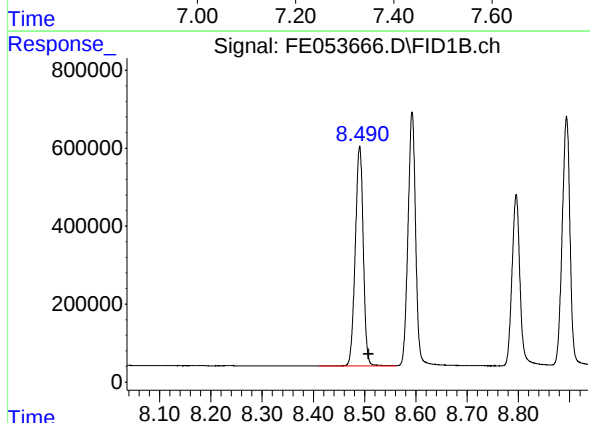
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.287 min
Delta R.T.: -0.019 min
Response: 6085395
Conc: 40.76 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167876BS

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

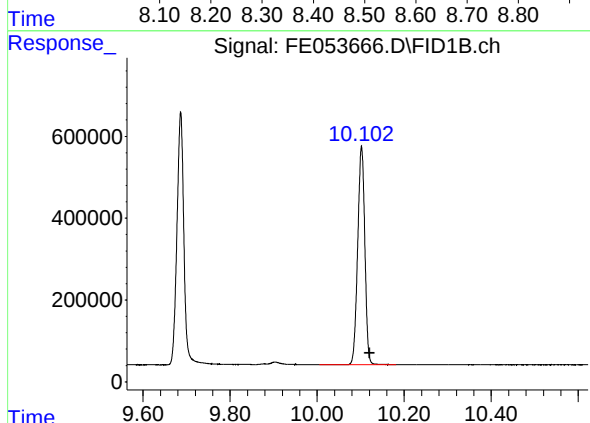


#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.017 min
Response: 6080148
Conc: 43.34 ug/ml

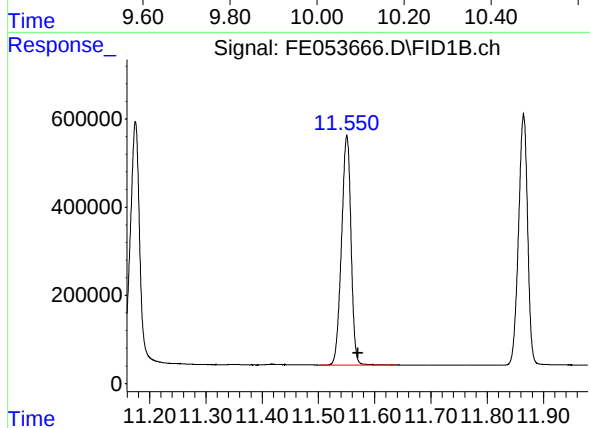
05/07/2025
Supervised By :mohammad
ahmed

05/08/2025



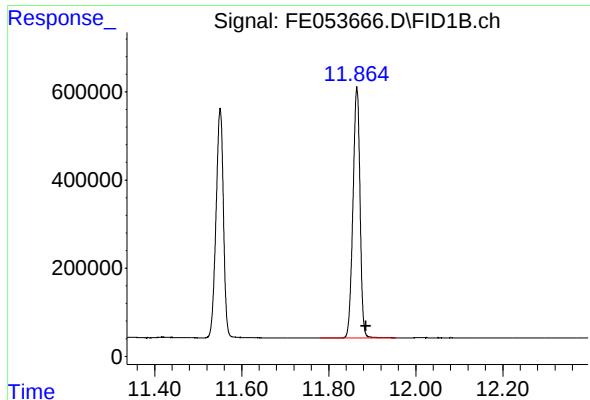
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.019 min
Response: 6063649
Conc: 42.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.550 min
Delta R.T.: -0.020 min
Response: 6096957
Conc: 41.84 ug/ml



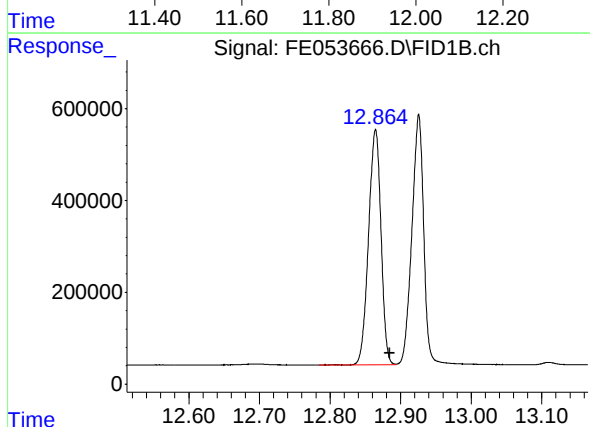
#9 ortho-Terphenyl (SURR)

R.T.: 11.865 min
Delta R.T.: -0.021 min
Response: 6375047
Conc: 35.35 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167876BS

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

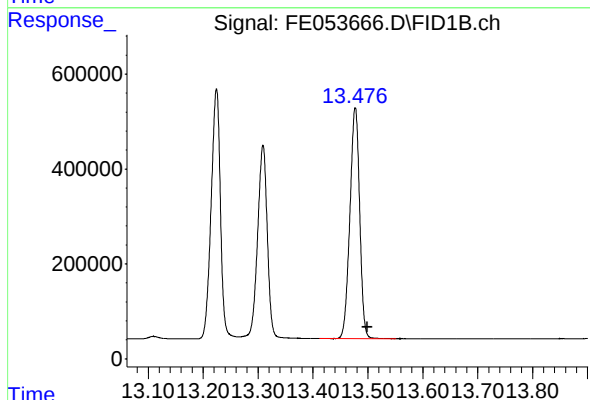


#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.020 min
Response: 6275332
Conc: 43.13 ug/ml

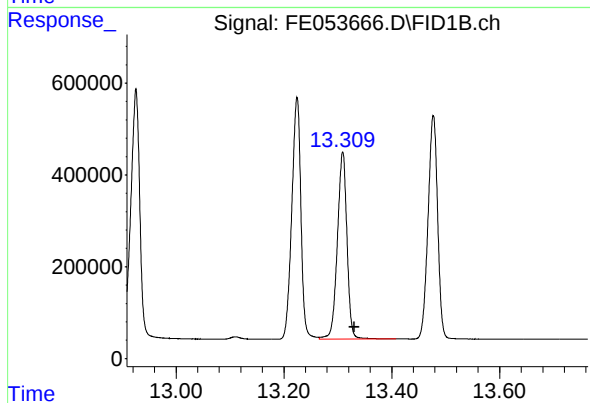
05/07/2025
Supervised By :mohammad
ahmed

05/08/2025



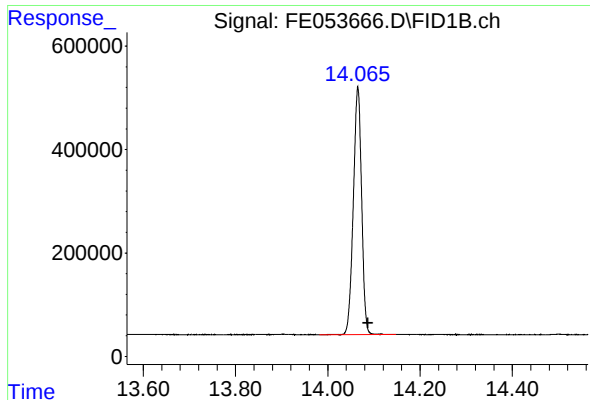
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.022 min
Response: 5996397
Conc: 41.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.021 min
Response: 5027826
Conc: 37.19 ug/ml



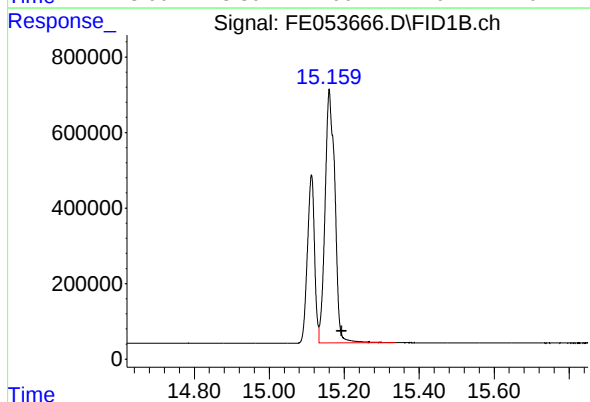
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.022 min
Response: 5963101
Conc: 41.32 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167876BS

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

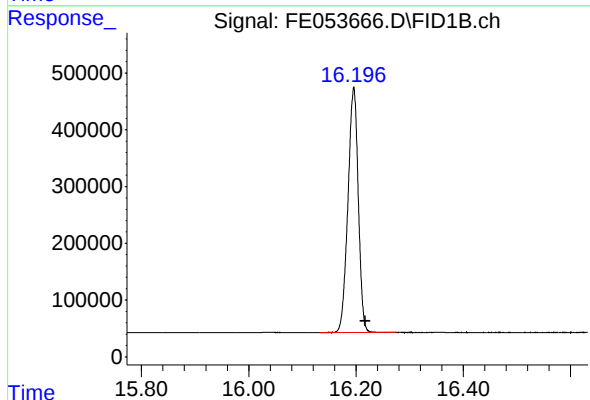


#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.033 min
Response: 12169419
Conc: 84.72 ug/ml

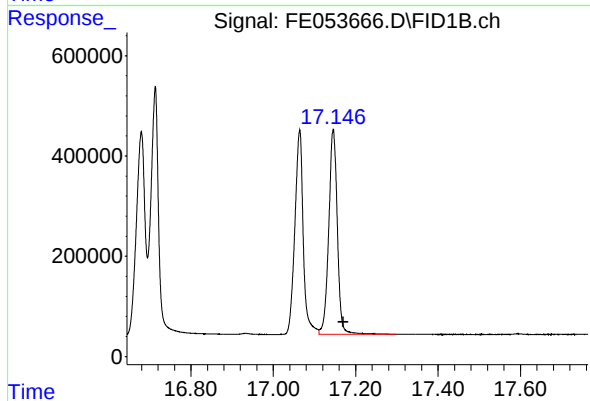
05/07/2025
Supervised By :mohammad
ahmed

05/08/2025



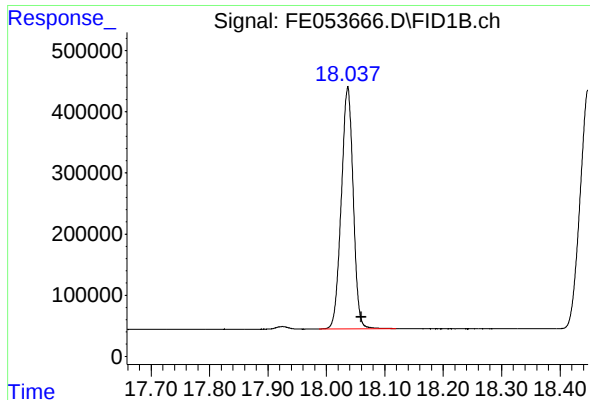
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.022 min
Response: 5774558
Conc: 40.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: -0.024 min
Response: 5925839
Conc: 42.59 ug/ml



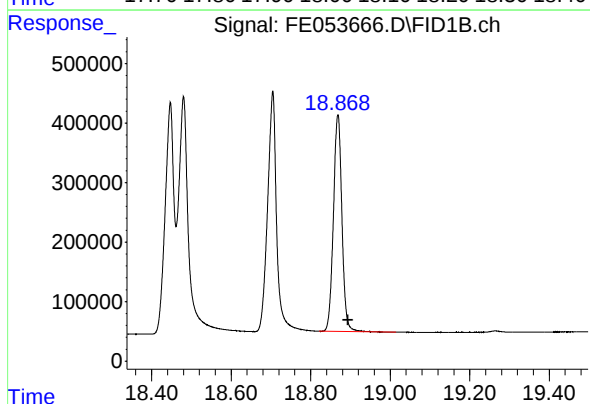
#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: -0.023 min
Response: 5605977
Conc: 40.27 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167876BS

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

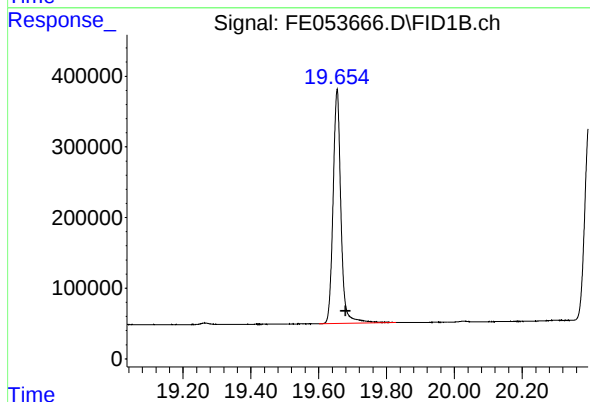


#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.025 min
Response: 5417456
Conc: 39.45 ug/ml

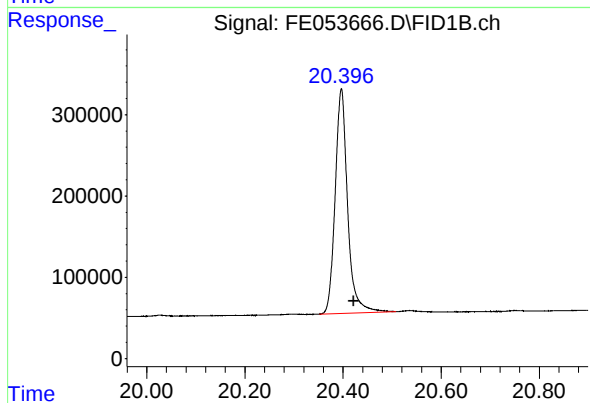
05/07/2025
Supervised By :mohammad
ahmed

05/08/2025



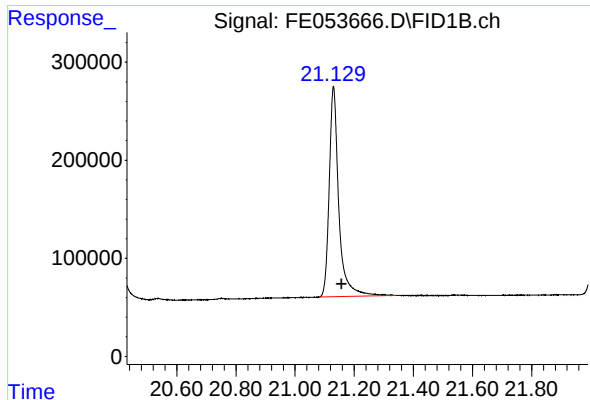
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.026 min
Response: 5321872
Conc: 40.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.396 min
Delta R.T.: -0.026 min
Response: 4855801
Conc: 38.46 ug/ml



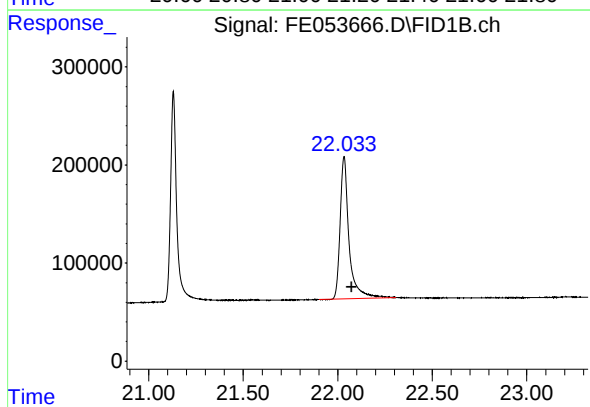
#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.028 min
Response: 4818703
Conc: 39.55 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167876BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025



#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.040 min
Response: 4751697
Conc: 39.79 ug/ml