

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
 Data File : FE056287.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2025 22:56
 Operator : YP\AJ
 Sample : Q3313-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-360MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/10/2025

Supervised By :mohammad ahmed 10/11/2025

Integration File: autoint1.e

Quant Time: Oct 10 01:54:52 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M

Quant Title : GC Extractables

QLast Update : Wed Sep 24 12:55:37 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)	12.061	5039782	26.857 ug/ml
Spiked Amount 50.000		Recovery =	53.71%
12) S 1-chlorooctadecane (S...	13.497	4409248	31.593 ug/ml
Spiked Amount 50.000		Recovery =	63.19%
Target Compounds			
1) T n-Nonane (C9)	3.401	2967875	21.665 ug/ml
2) T n-Decane (C10)	4.663	3415552	24.473 ug/ml
3) T A~Naphthalene (C11.7)	6.384	12510714	78.356 ug/ml
4) T n-Dodecane (C12)	6.838	4111233	28.644 ug/ml
5) T A~2-methylnaphthalene...	7.486	13939677	89.633 ug/ml
6) T n-Tetradecane (C14)	8.676	4881637	33.019 ug/ml
7) T n-Hexadecane (C16)	10.287	5757767	36.233 ug/ml
8) T n-Octadecane (C18)	11.736	6506786	38.415 ug/ml
10) T n-Eicosane (C20)	13.052	6989451	42.165 ug/ml
11) T n-Heneicosane (C21)	13.665	6975136	42.926 ug/ml
13) T n-Docosane (C22)	14.252	6943028	43.451 ug/ml
14) T n-Tetracosane (C24)	15.372	22528652	147.844 ug/ml
15) T n-Hexacosane (C26)	16.385	6127975	42.964 ug/ml
16) T n-Octacosane (C28)	17.333	6141138	44.084 ug/mlm
17) T n-Tricontane (C30)	18.227	5704726	38.498 ug/ml
18) T n-Dotriacontane (C32)	19.057	5641654	37.813 ug/ml
19) T n-Tetratriacontane (C34)	19.842	6016345	42.533 ug/ml
20) T n-Hexatriacontane (C36)	20.584	6157343	47.965 ug/ml
21) T n-Octatriacontane (C38)	21.355	6379443	48.571 ug/ml
22) T n-Tetracontane (C40)	22.334	6322120	53.142 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
Data File : FE056287.D
Signal(s) : FID1B.ch
Acq On : 09 Oct 2025 22:56
Operator : YP\AJ
Sample : Q3313-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-360MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2025

Supervised By :mohammad ahmed 10/11/2025

Integration File: autoint1.e

Quant Time: Oct 10 01:54:52 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M

Quant Title : GC Extractables

QLast Update : Wed Sep 24 12:55:37 2025

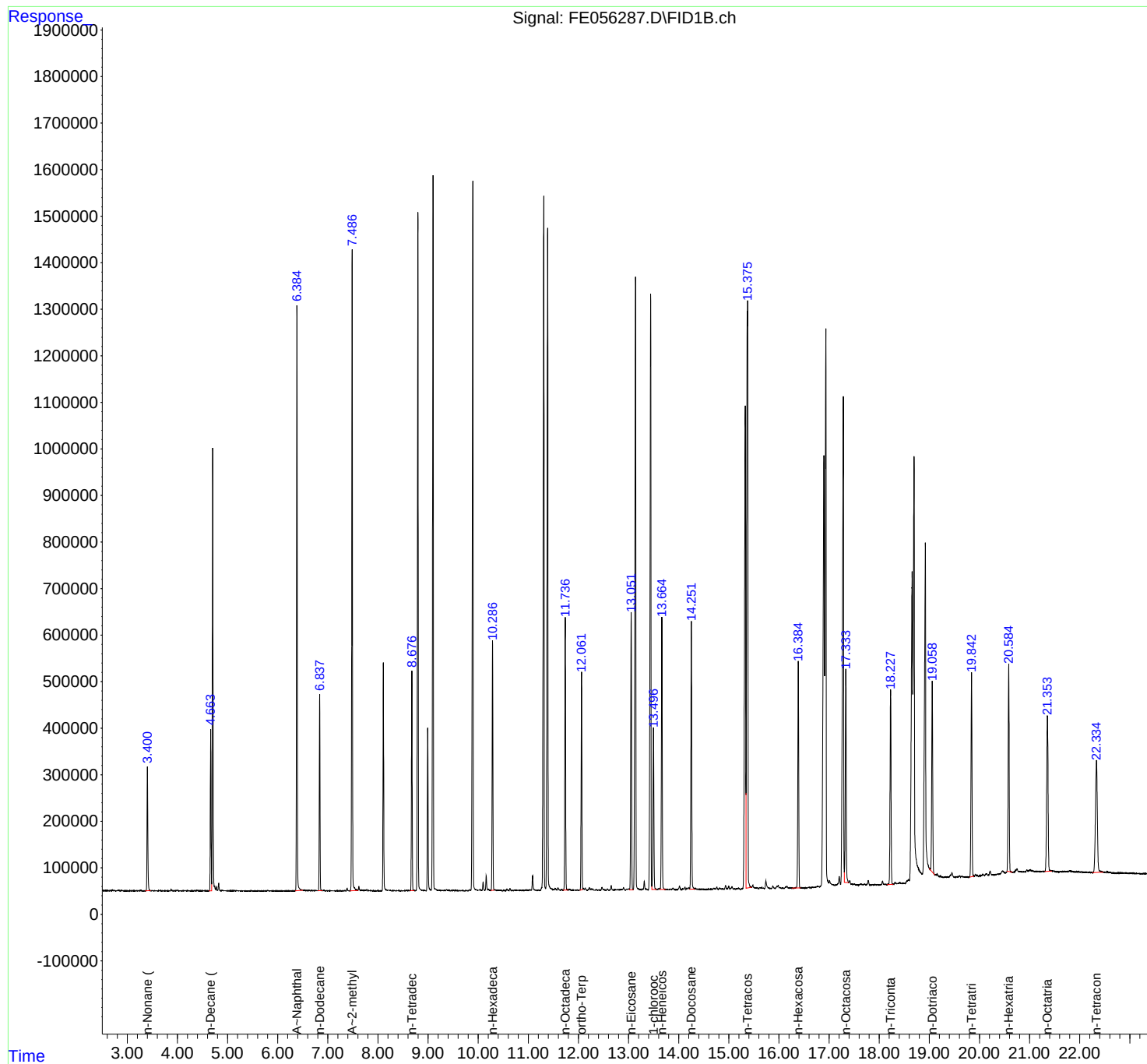
Response via : Initial Calibration

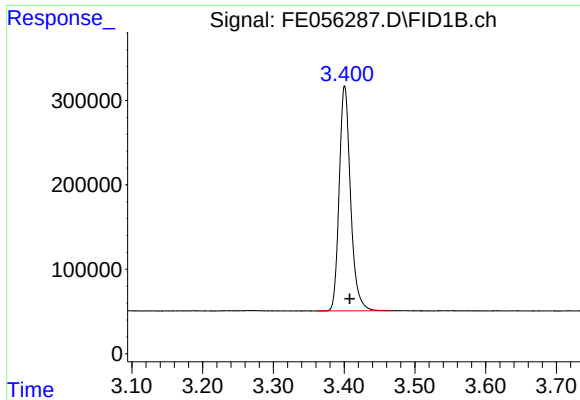
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.007 min
Response: 2967875
Conc: 21.66 ug/ml

Instrument :

FID_E

ClientSampleId :

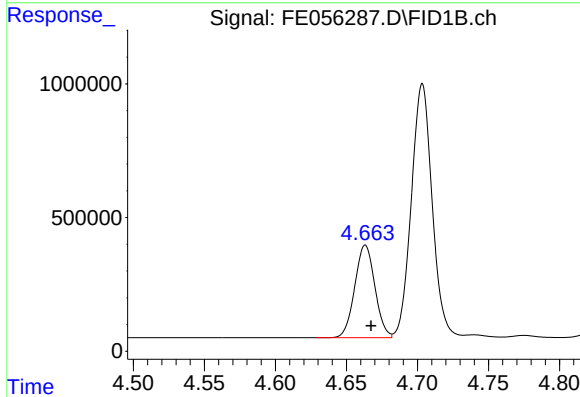
ETGI-360MSD

Manual Integrations

APPROVED

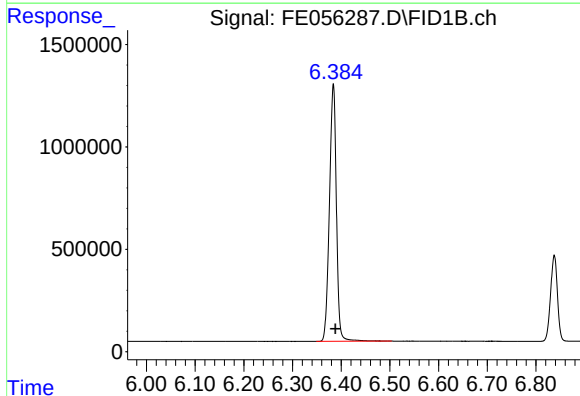
Reviewed By :Yogesh Patel 10/10/2025

Supervised By :mohammad ahmed 10/11/2025



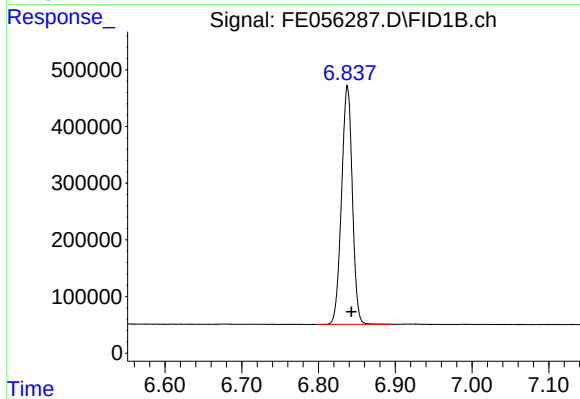
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 3415552
Conc: 24.47 ug/ml



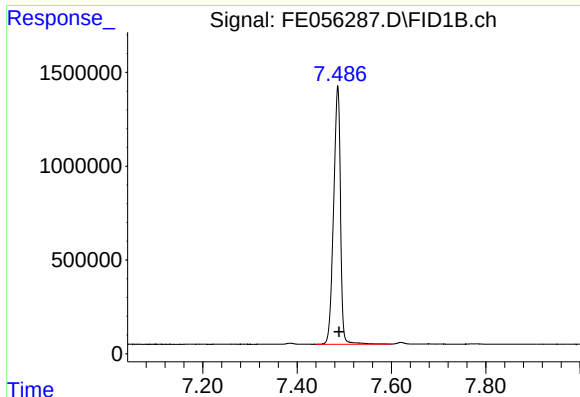
#3 A~Naphthalene (C11.7)

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 12510714
Conc: 78.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.838 min
Delta R.T.: -0.005 min
Response: 4111233
Conc: 28.64 ug/ml



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

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 13939677
Conc: 89.63 ug/ml

Instrument :

FID_E

ClientSampleId :

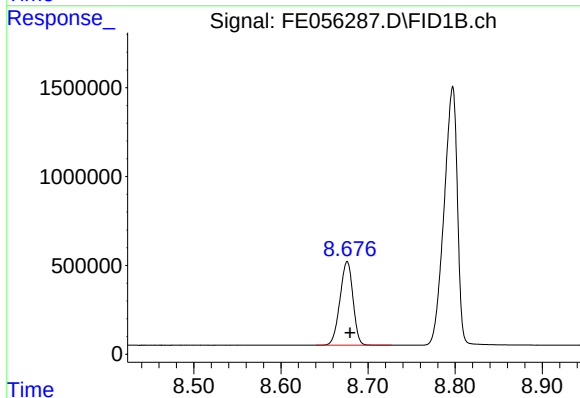
ETGI-360MSD

Manual Integrations

APPROVED

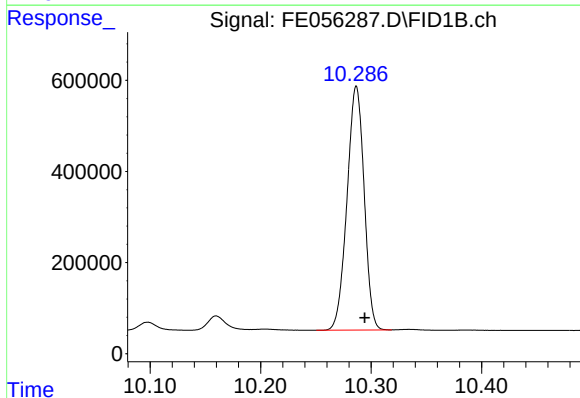
Reviewed By :Yogesh Patel 10/10/2025

Supervised By :mohammad ahmed 10/11/2025



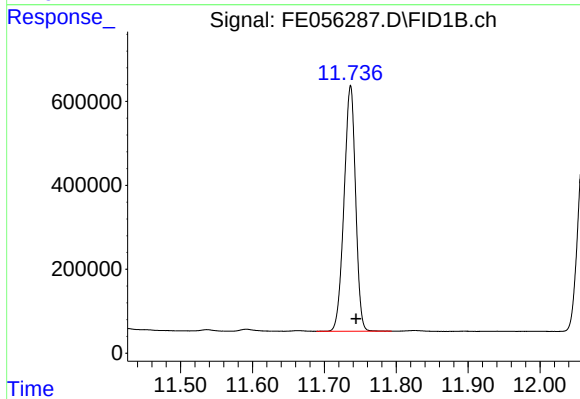
#6 n-Tetradecane (C14)

R.T.: 8.676 min
Delta R.T.: -0.003 min
Response: 4881637
Conc: 33.02 ug/ml



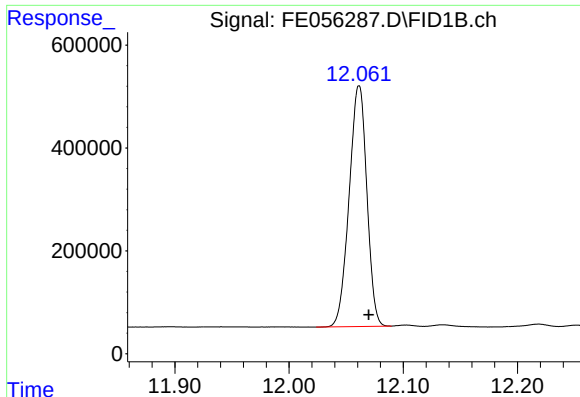
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: -0.008 min
Response: 5757767
Conc: 36.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.736 min
Delta R.T.: -0.008 min
Response: 6506786
Conc: 38.41 ug/ml



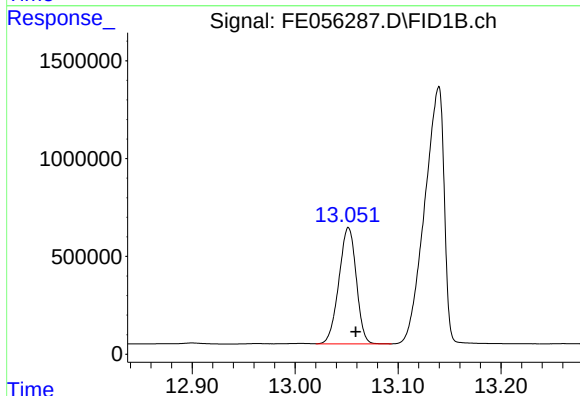
#9 ortho-Terphenyl (SURR)

R.T.: 12.061 min
Delta R.T.: -0.009 min
Response: 5039782
Conc: 26.86 ug/ml

Instrument :
FID_E
ClientSampleId :
ETGI-360MSD

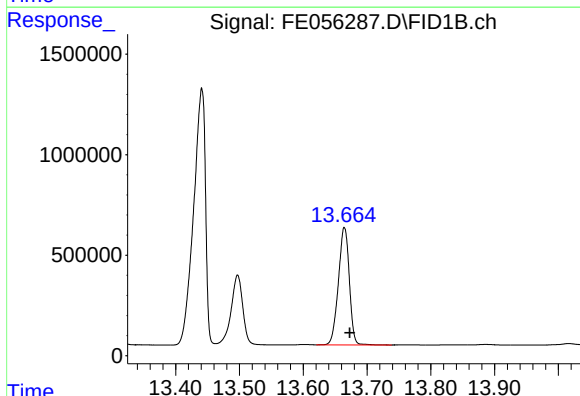
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



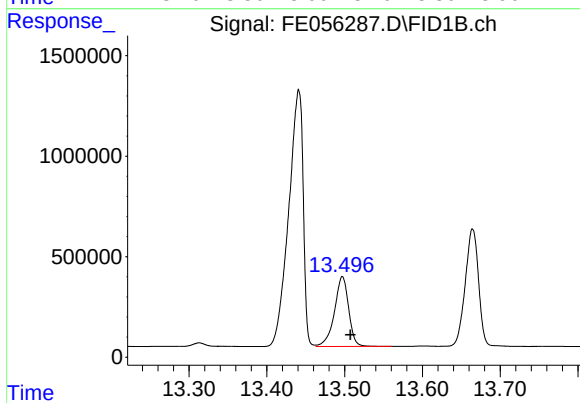
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: -0.007 min
Response: 6989451
Conc: 42.16 ug/ml



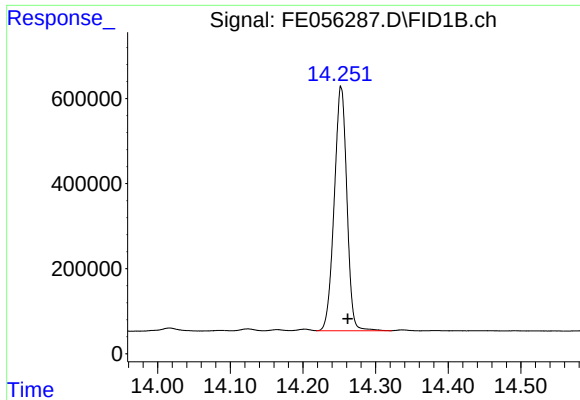
#11 n-Heneicosane (C21)

R.T.: 13.665 min
Delta R.T.: -0.008 min
Response: 6975136
Conc: 42.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.497 min
Delta R.T.: -0.010 min
Response: 4409248
Conc: 31.59 ug/ml



#13 n-Docosane (C22)

R.T.: 14.252 min
Delta R.T.: -0.009 min
Response: 6943028
Conc: 43.45 ug/ml

Instrument :

FID_E

ClientSampleId :

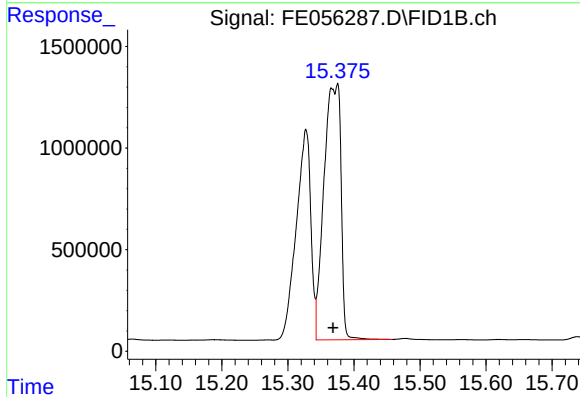
ETGI-360MSD

Manual Integrations

APPROVED

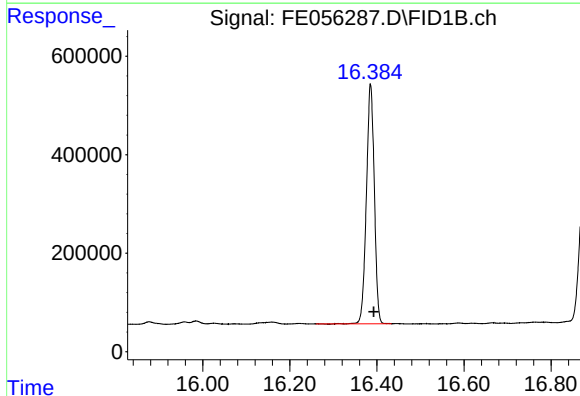
Reviewed By :Yogesh Patel 10/10/2025

Supervised By :mohammad ahmed 10/11/2025



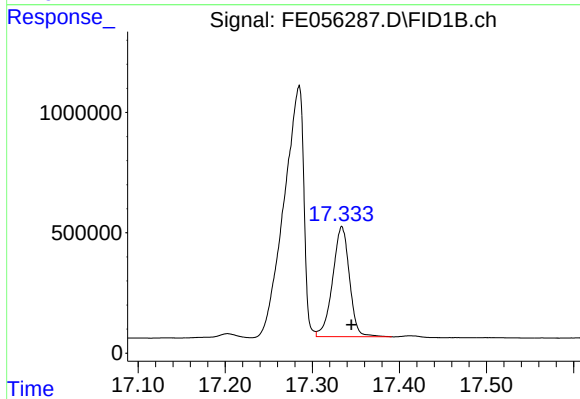
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: 0.003 min
Response: 22528652
Conc: 147.84 ug/ml



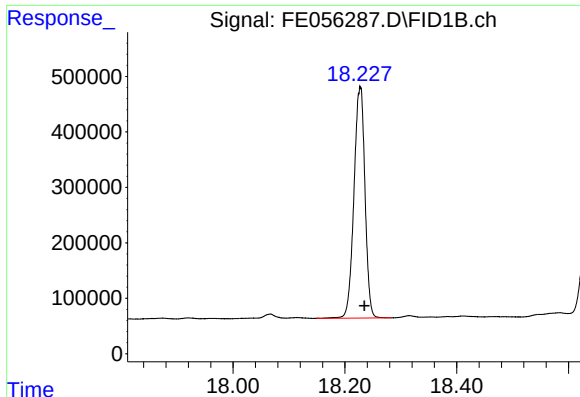
#15 n-Hexacosane (C26)

R.T.: 16.385 min
Delta R.T.: -0.007 min
Response: 6127975
Conc: 42.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.333 min
Delta R.T.: -0.011 min
Response: 6141138
Conc: 44.08 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.227 min
Delta R.T.: -0.008 min
Response: 5704726
Conc: 38.50 ug/ml

Instrument :

FID_E

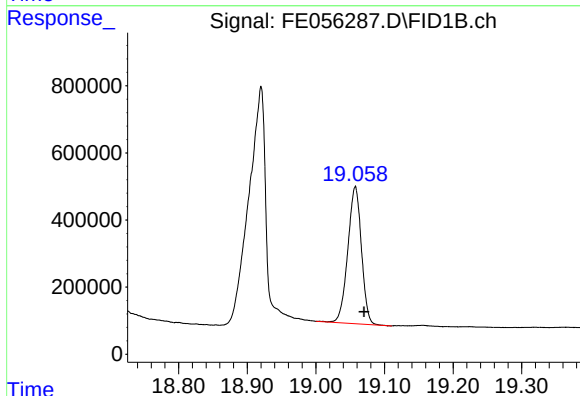
ClientSampleId :

ETGI-360MSD

Manual Integrations

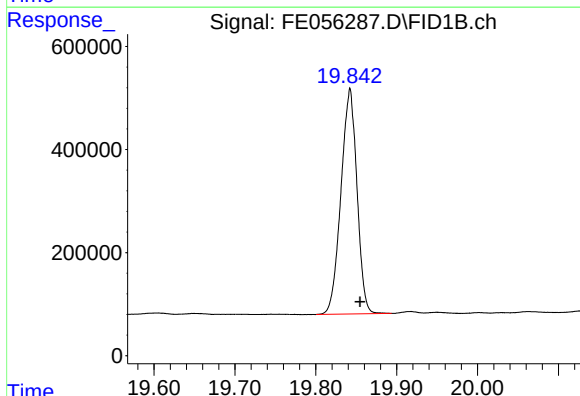
APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



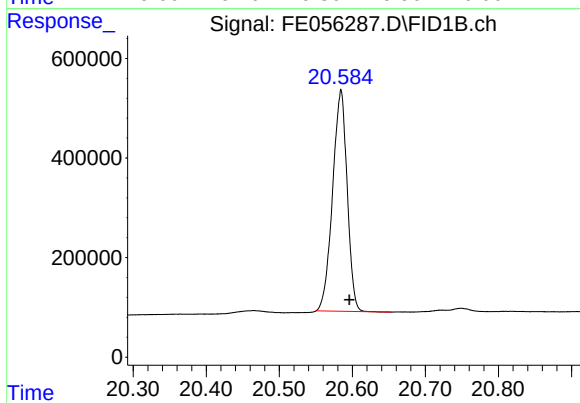
#18 n-Dotriacontane (C32)

R.T.: 19.057 min
Delta R.T.: -0.013 min
Response: 5641654
Conc: 37.81 ug/ml



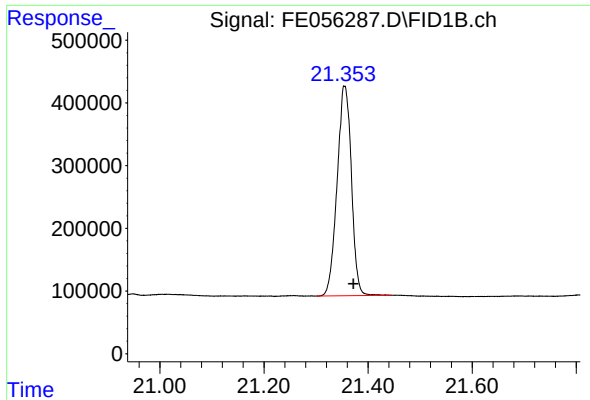
#19 n-Tetratriacontane (C34)

R.T.: 19.842 min
Delta R.T.: -0.013 min
Response: 6016345
Conc: 42.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.584 min
Delta R.T.: -0.012 min
Response: 6157343
Conc: 47.97 ug/ml



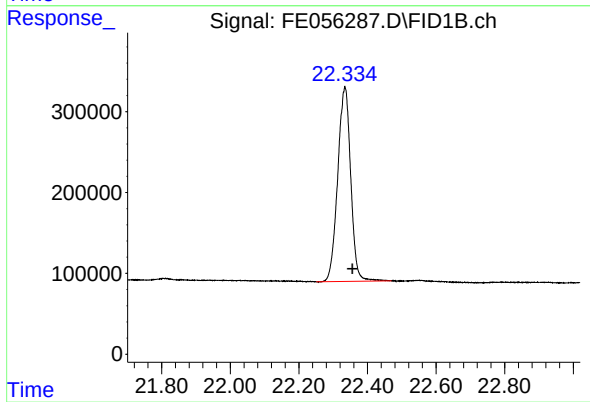
#21 n-Octatriacontane (C38)

R.T.: 21.355 min
Delta R.T.: -0.017 min
Response: 6379443
Conc: 48.57 ug/ml

Instrument :
FID_E
ClientSampleId :
ETGI-360MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: -0.022 min
Response: 6322120
Conc: 53.14 ug/ml