

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101325AL\
 Data File : FE056307.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2025 16:32
 Operator : YP\AJ
 Sample : Q3322-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-100925MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025

Integration File: sample.E
 Quant Time: Oct 14 02:47:29 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)	12.068	6339782	33.785 ug/ml
Spiked Amount 50.000		Recovery =	67.57%
12) S 1-chlorooctadecane (S...	13.504	5975807	42.817 ug/ml
Spiked Amount 50.000		Recovery =	85.63%
Target Compounds			
1) T n-Nonane (C9)	3.401	2170308	15.843 ug/ml
2) T n-Decane (C10)	4.664	2691467	19.285 ug/ml
3) T A~Naphthalene (C11.7)	6.385	10402962	65.155 ug/ml
4) T n-Dodecane (C12)	6.839	3485901	24.287 ug/ml
5) T A~2-methylnaphthalene...	7.487	11865411	76.296 ug/ml
6) T n-Tetradecane (C14)	8.678	4373392	29.581 ug/ml
7) T n-Hexadecane (C16)	10.291	5198914	32.717 ug/ml
8) T n-Octadecane (C18)	11.741	5697650	33.638 ug/ml
10) T n-Eicosane (C20)	13.057	6258972	37.758 ug/ml
11) T n-Heneicosane (C21)	13.670	5920939	36.439 ug/mlm
13) T n-Docosane (C22)	14.258	6135779	38.399 ug/ml
14) T n-Tetracosane (C24)	15.377	19233256	126.218 ug/ml
15) T n-Hexacosane (C26)	16.391	5231566	36.679 ug/ml
16) T n-Octacosane (C28)	17.341	4847395	34.797 ug/ml
17) T n-Tricontane (C30)	18.233	4939467	33.334 ug/ml
18) T n-Dotriacontane (C32)	19.065	4889859	32.774 ug/ml
19) T n-Tetratriacontane (C34)	19.852	4859696	34.356 ug/ml
20) T n-Hexatriacontane (C36)	20.593	4976607	38.767 ug/ml
21) T n-Octatriacontane (C38)	21.368	5290834	40.283 ug/ml
22) T n-Tetracontane (C40)	22.350	4883653	41.050 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101325AL\
Data File : FE056307.D
Signal(s) : FID1B.ch
Acq On : 13 Oct 2025 16:32
Operator : YP\AJ
Sample : Q3322-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

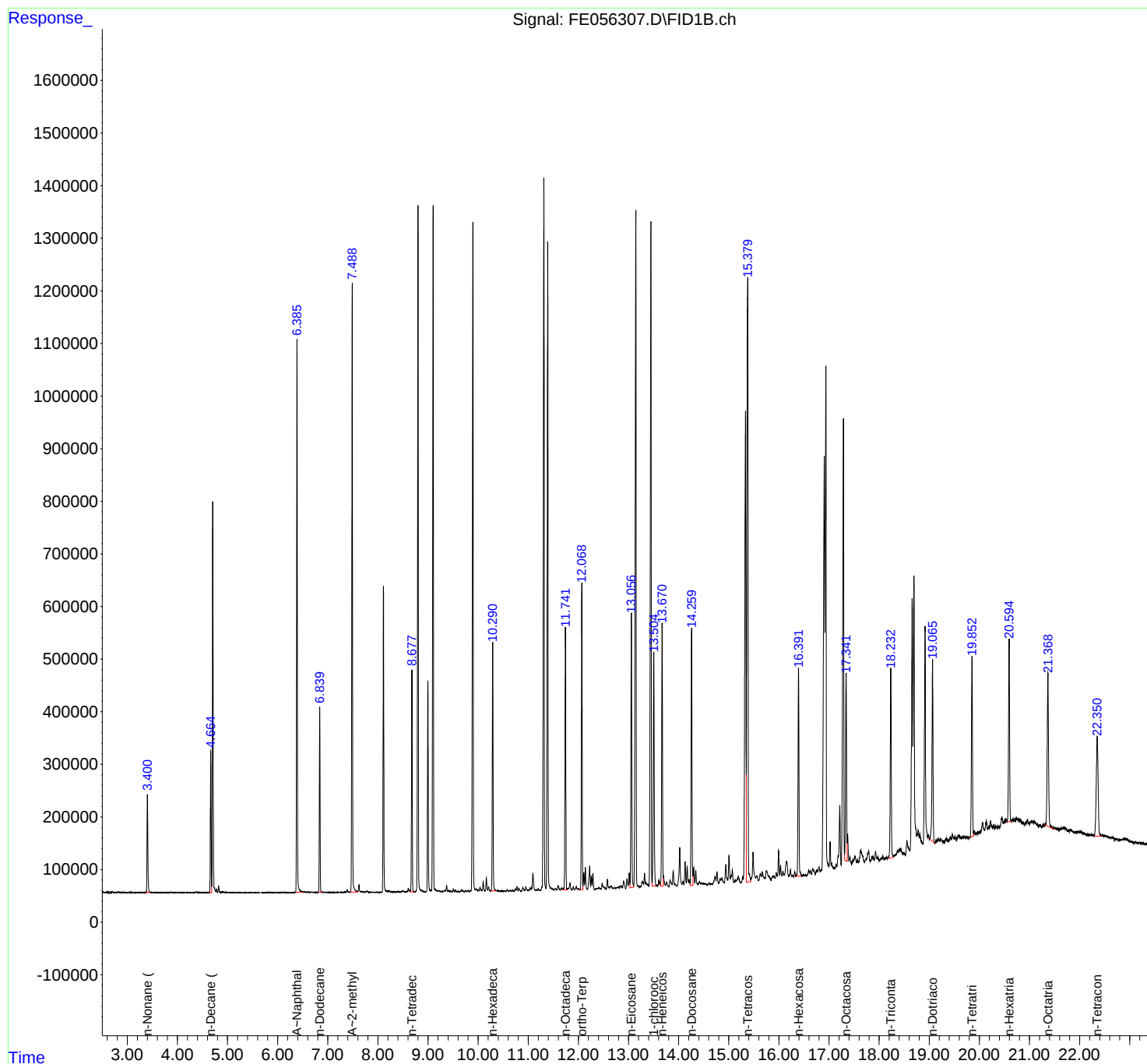
Instrument :
FID_E
ClientSampleId :
OR-02-100925MS

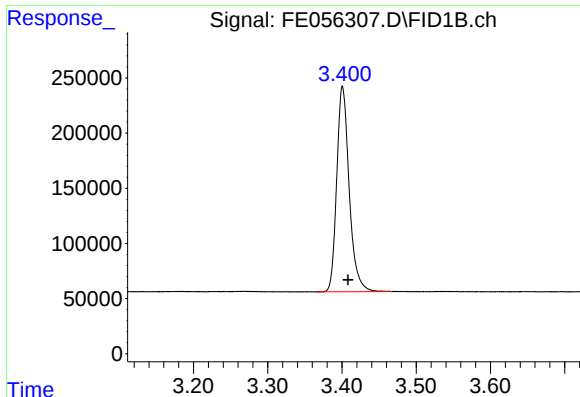
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Integration File: sample.E
Quant Time: Oct 14 02:47:29 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





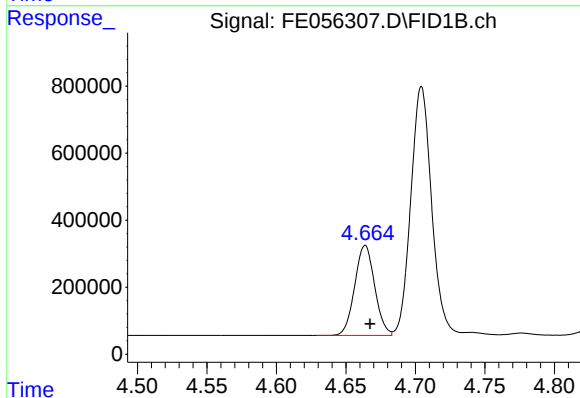
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.007 min
Response: 2170308
Conc: 15.84 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-100925MS

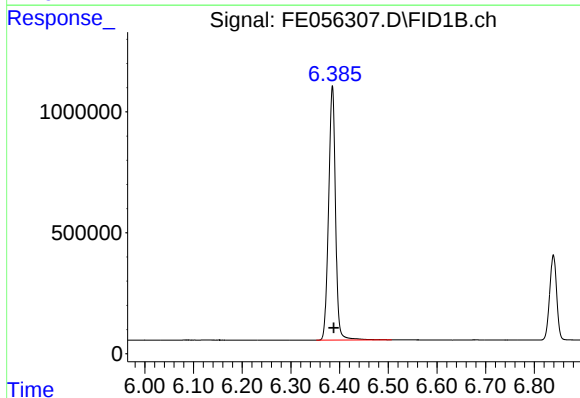
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



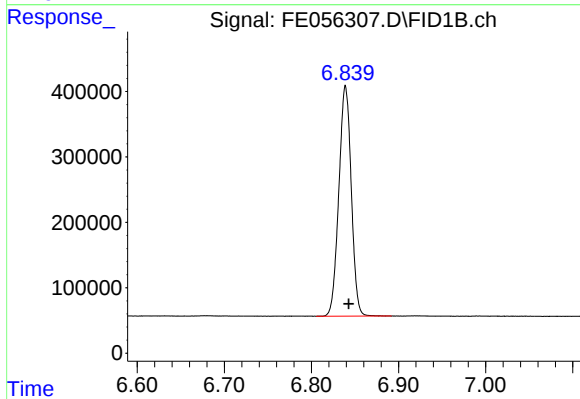
#2 n-Decane (C10)

R.T.: 4.664 min
Delta R.T.: -0.004 min
Response: 2691467
Conc: 19.28 ug/ml



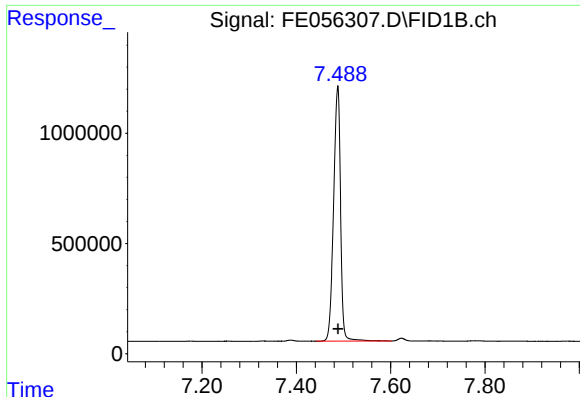
#3 A~Naphthalene (C11.7)

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 10402962
Conc: 65.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 3485901
Conc: 24.29 ug/ml



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

R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 11865411
Conc: 76.30 ug/ml

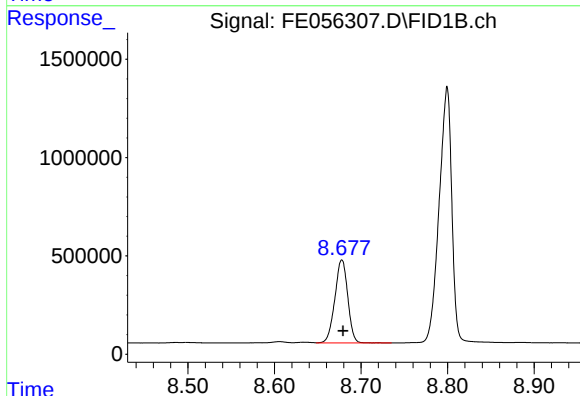
Instrument :

FID_E

ClientSampleId :
OR-02-100925MS

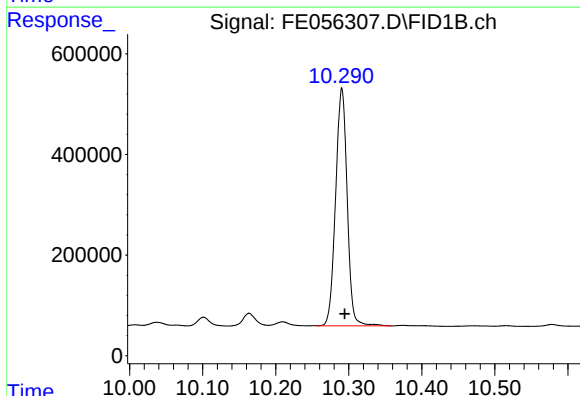
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



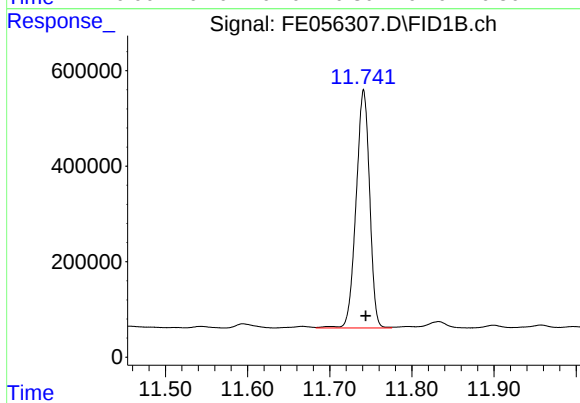
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.002 min
Response: 4373392
Conc: 29.58 ug/ml



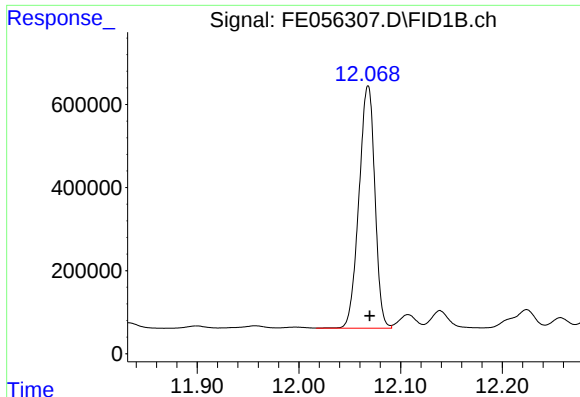
#7 n-Hexadecane (C16)

R.T.: 10.291 min
Delta R.T.: -0.004 min
Response: 5198914
Conc: 32.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: -0.003 min
Response: 5697650
Conc: 33.64 ug/ml



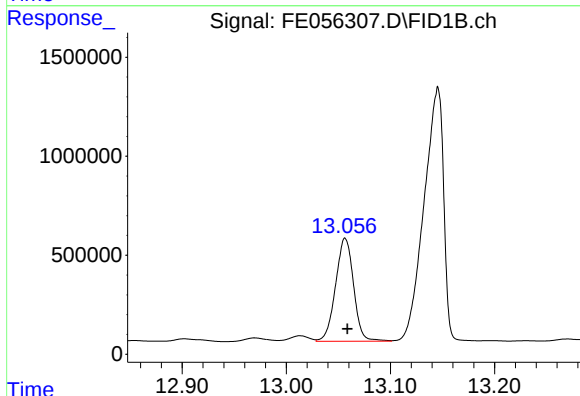
#9 ortho-Terphenyl (SURR)

R.T.: 12.068 min
Delta R.T.: -0.002 min
Response: 6339782
Conc: 33.78 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-100925MS

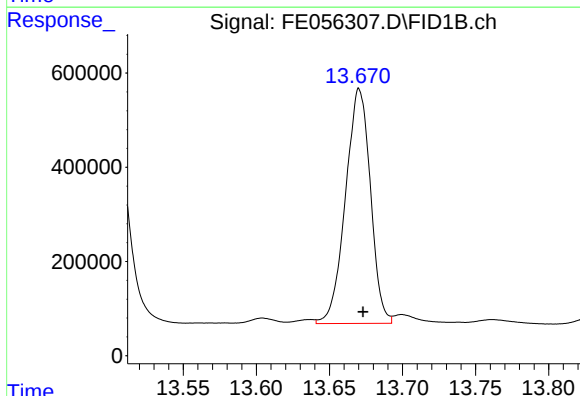
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



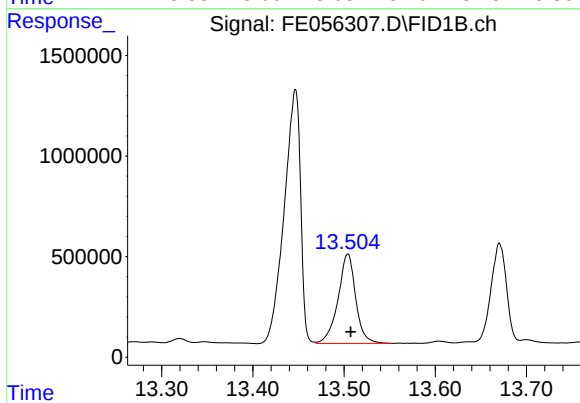
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: -0.002 min
Response: 6258972
Conc: 37.76 ug/ml



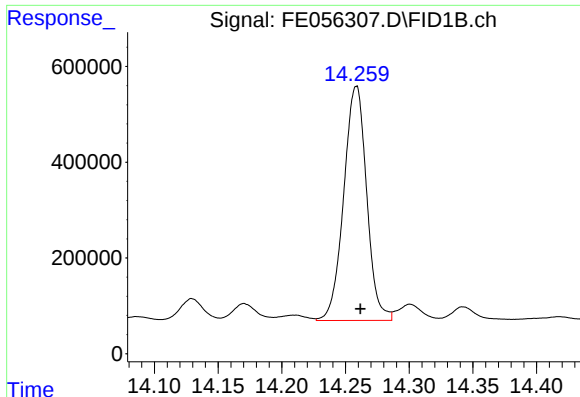
#11 n-Heneicosane (C21)

R.T.: 13.670 min
Delta R.T.: -0.003 min
Response: 5920939
Conc: 36.44 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.504 min
Delta R.T.: -0.003 min
Response: 5975807
Conc: 42.82 ug/ml



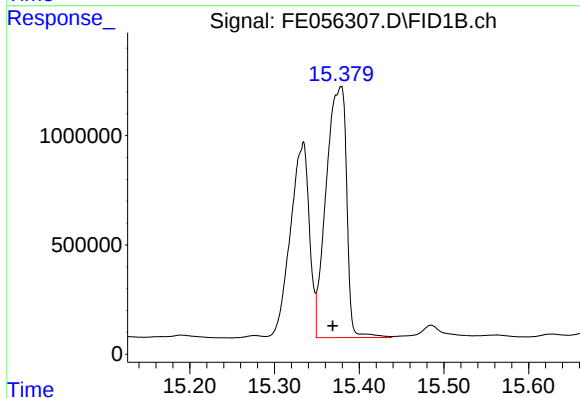
#13 n-Docosane (C22)

R.T.: 14.258 min
Delta R.T.: -0.003 min
Response: 6135779
Conc: 38.40 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-100925MS

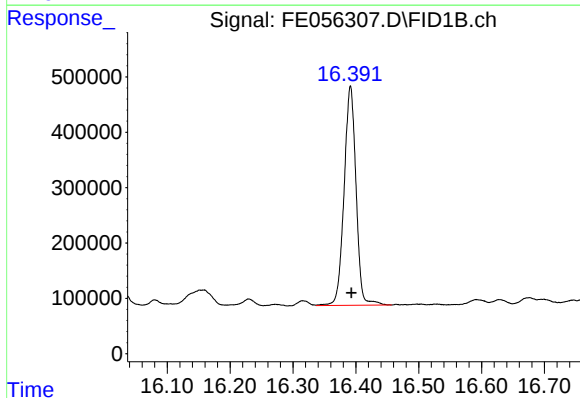
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



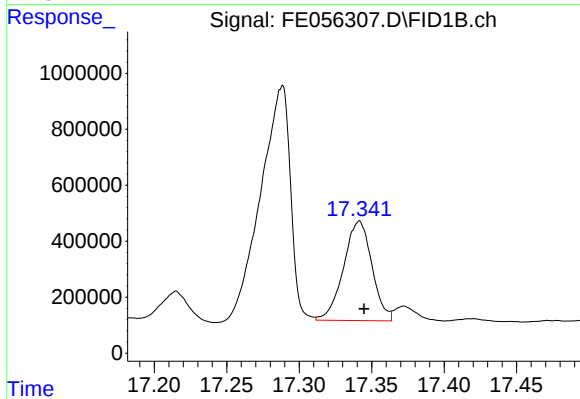
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: 0.008 min
Response: 19233256
Conc: 126.22 ug/ml



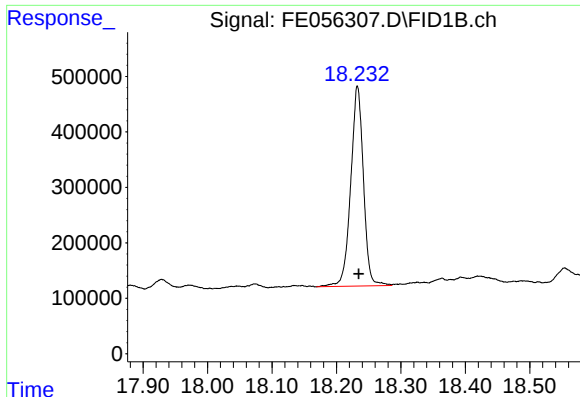
#15 n-Hexacosane (C26)

R.T.: 16.391 min
Delta R.T.: -0.001 min
Response: 5231566
Conc: 36.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.341 min
Delta R.T.: -0.004 min
Response: 4847395
Conc: 34.80 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.233 min
Delta R.T.: -0.002 min
Response: 4939467
Conc: 33.33 ug/ml

Instrument :

FID_E

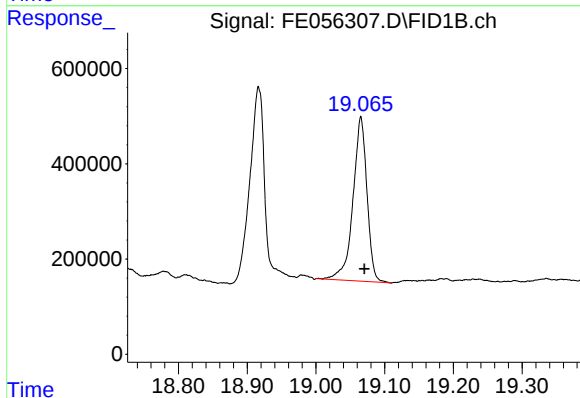
ClientSampleId :

OR-02-100925MS

Manual Integrations

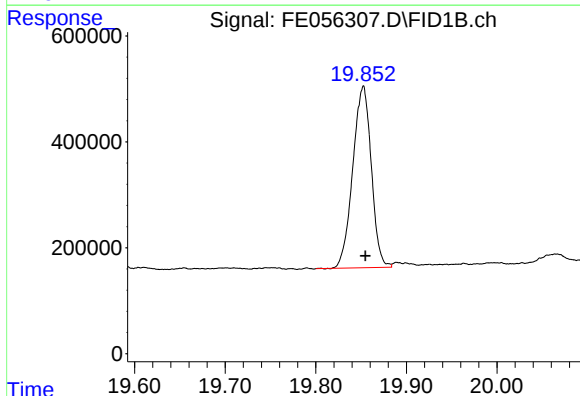
APPROVED

Reviewed By :Yogesh Patel 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



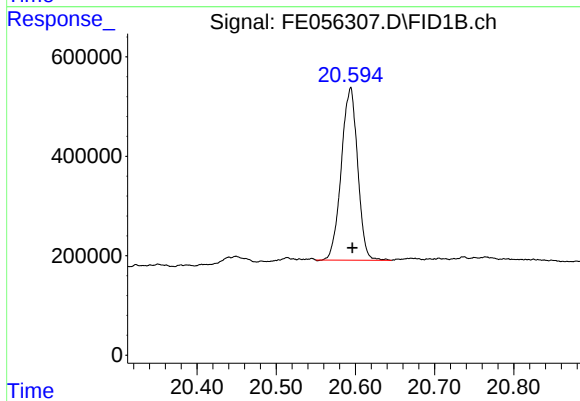
#18 n-Dotriacontane (C32)

R.T.: 19.065 min
Delta R.T.: -0.005 min
Response: 4889859
Conc: 32.77 ug/ml



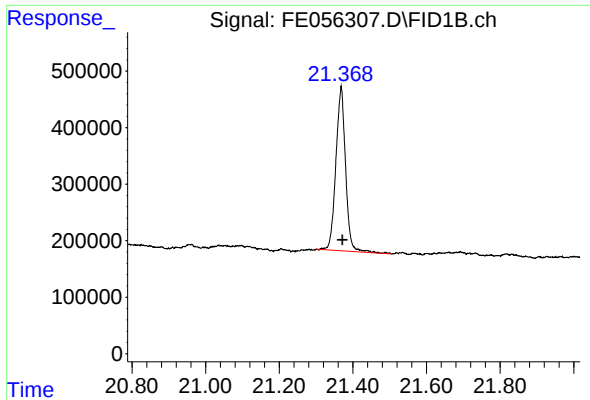
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: -0.003 min
Response: 4859696
Conc: 34.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.593 min
Delta R.T.: -0.003 min
Response: 4976607
Conc: 38.77 ug/ml



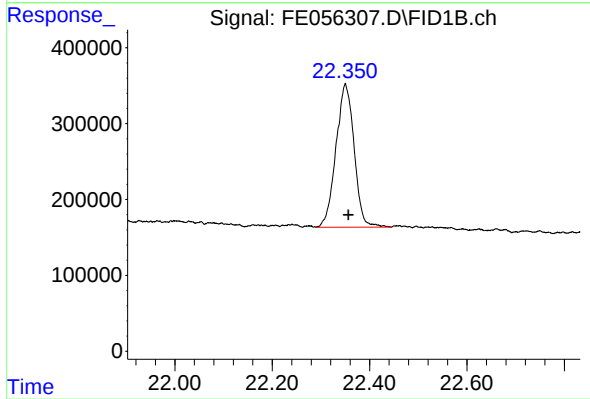
#21 n-Octatriacontane (C38)

R.T.: 21.368 min
Delta R.T.: -0.004 min
Response: 5290834
Conc: 40.28 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-100925MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#22 n-Tetracontane (C40)

R.T.: 22.350 min
Delta R.T.: -0.006 min
Response: 4883653
Conc: 41.05 ug/ml