

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101625AL\
 Data File : FE056343.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2025 08:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2025
 Supervised By :Sohil Jodhani 10/17/2025

Integration File: autoint1.e
 Quant Time: Oct 16 11:58:39 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)	12.060	4159406	22.165 ug/ml
Spiked Amount 50.000		Recovery =	44.33%
12) S 1-chlorooctadecane (S...	13.497	2830926	20.284 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.400	2401296	17.529 ug/ml
2) T n-Decane (C10)	4.660	2567257	18.395 ug/ml
3) T A~Naphthalene (C11.7)	6.380	3285288	20.576 ug/ml
4) T n-Dodecane (C12)	6.835	2854192	19.886 ug/ml
5) T A~2-methylnaphthalene...	7.479	3268573	21.017 ug/ml
6) T n-Tetradecane (C14)	8.671	3126422	21.147 ug/ml
7) T n-Hexadecane (C16)	10.285	3532765	22.232 ug/ml
8) T n-Octadecane (C18)	11.734	3808690	22.486 ug/ml
10) T n-Eicosane (C20)	13.048	3681677	22.210 ug/ml
11) T n-Heneicosane (C21)	13.662	3577891	22.019 ug/ml
13) T n-Docosane (C22)	14.251	3483644	21.801 ug/ml
14) T n-Tetracosane (C24)	15.357	3329598	21.851 ug/ml
15) T n-Hexacosane (C26)	16.380	3122823	21.894 ug/ml
16) T n-Octacosane (C28)	17.333	3059119	21.960 ug/ml
17) T n-Tricontane (C30)	18.223	3192351	21.544 ug/ml
18) T n-Dotriacontane (C32)	19.056	3215166	21.550 ug/ml
19) T n-Tetratriacontane (C34)	19.842	2983983	21.096 ug/ml
20) T n-Hexatriacontane (C36)	20.582	2506417	19.525 ug/ml
21) T n-Octatriacontane (C38)	21.354	2112253	16.082 ug/ml
22) T n-Tetracontane (C40)	22.334	1798196	15.115 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101625AL\
Data File : FE056343.D
Signal(s) : FID1B.ch
Acq On : 16 Oct 2025 08:52
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

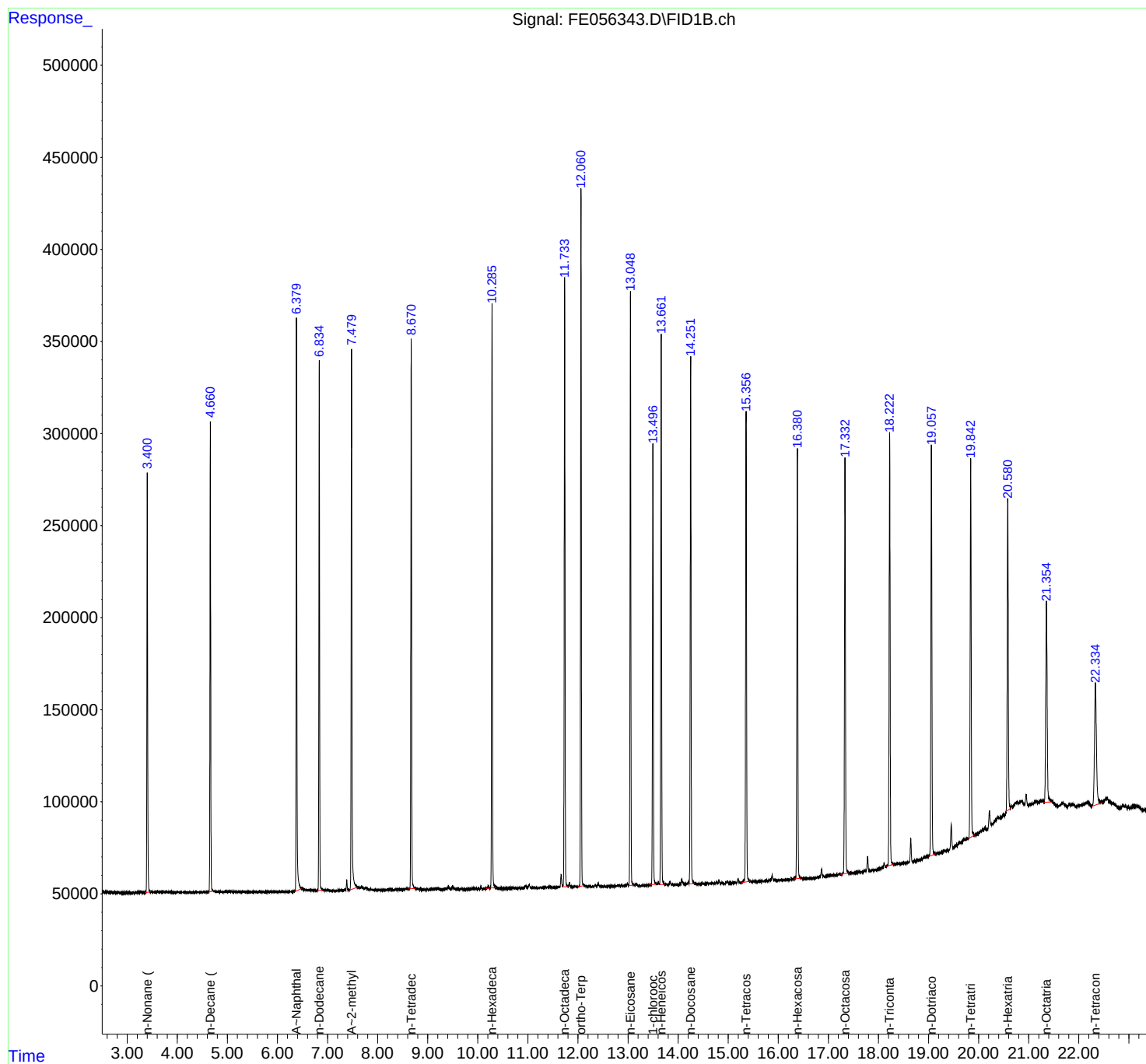
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

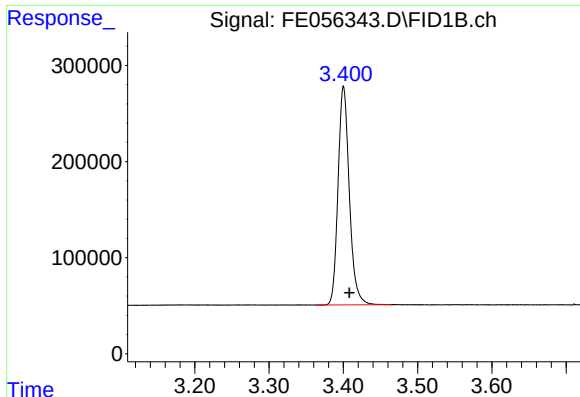
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2025
Supervised By :Sohil Jodhani 10/17/2025

Integration File: autoint1.e
Quant Time: Oct 16 11:58:39 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





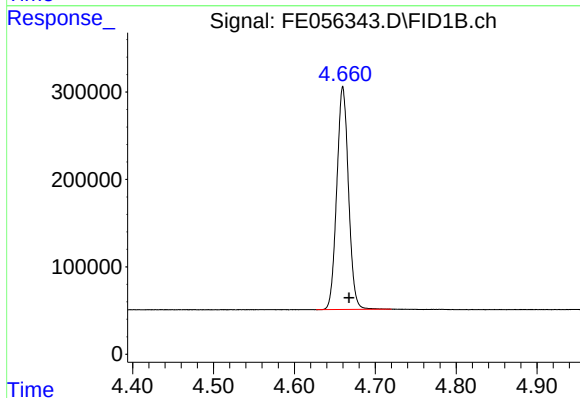
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.008 min
Response: 2401296
Conc: 17.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

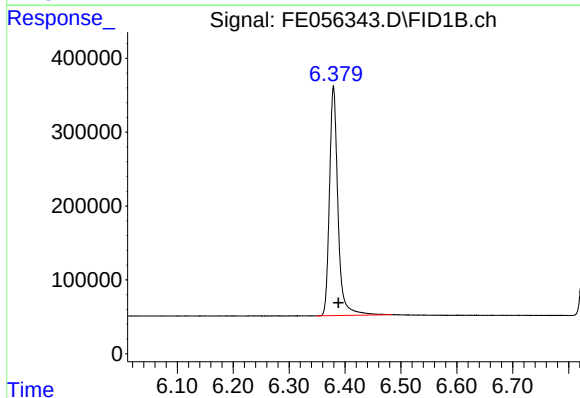
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2025
Supervised By :Sohil Jodhani 10/17/2025



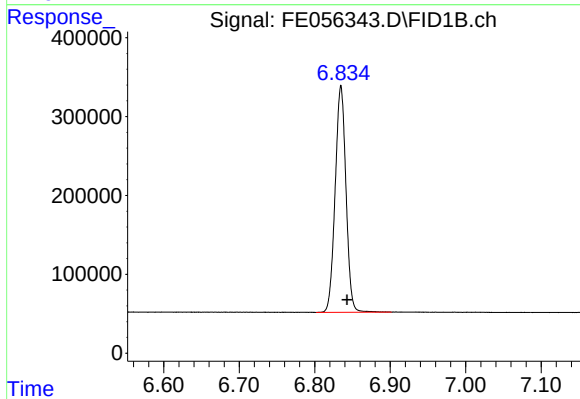
#2 n-Decane (C10)

R.T.: 4.660 min
Delta R.T.: -0.007 min
Response: 2567257
Conc: 18.39 ug/ml



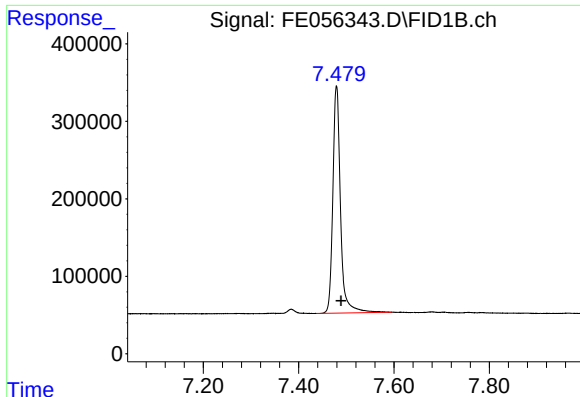
#3 A~Naphthalene (C11.7)

R.T.: 6.380 min
Delta R.T.: -0.009 min
Response: 3285288
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.835 min
Delta R.T.: -0.008 min
Response: 2854192
Conc: 19.89 ug/ml



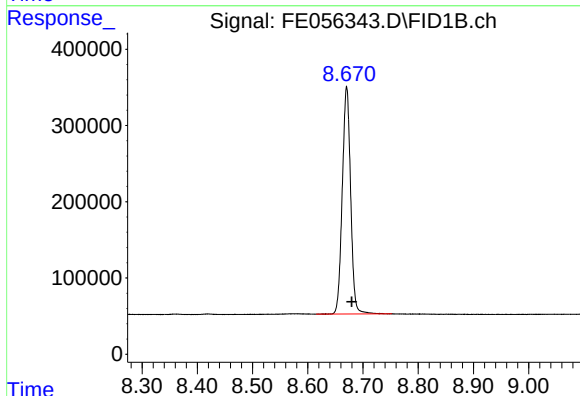
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.479 min
Delta R.T.: -0.009 min
Response: 3268573
Conc: 21.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

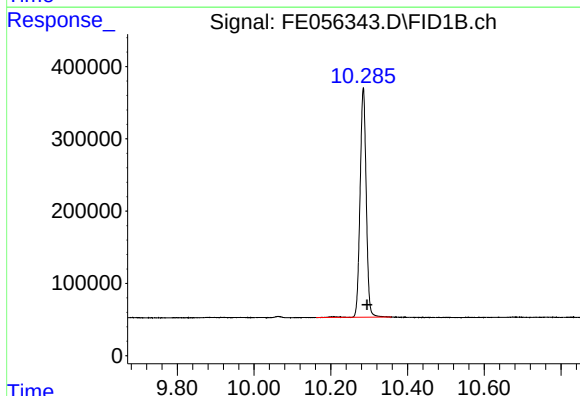
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2025
Supervised By :Sohil Jodhani 10/17/2025



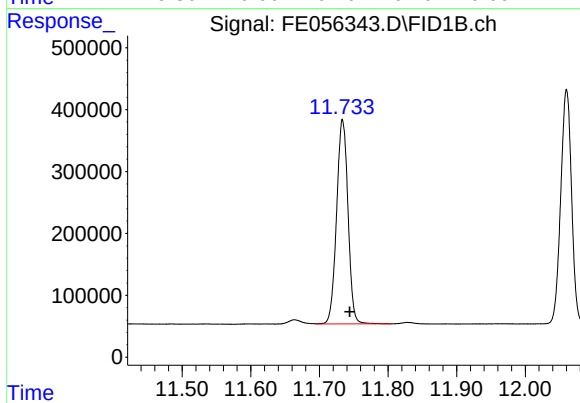
#6 n-Tetradecane (C14)

R.T.: 8.671 min
Delta R.T.: -0.009 min
Response: 3126422
Conc: 21.15 ug/ml



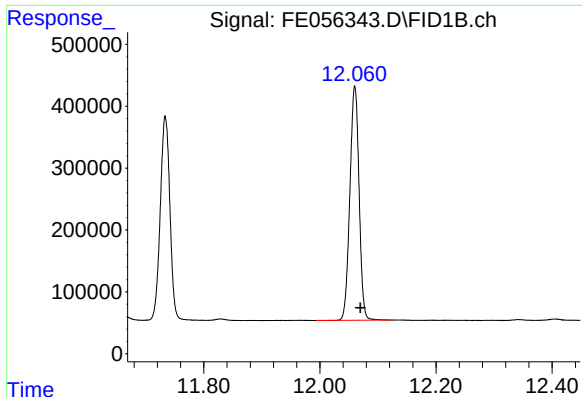
#7 n-Hexadecane (C16)

R.T.: 10.285 min
Delta R.T.: -0.010 min
Response: 3532765
Conc: 22.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.734 min
Delta R.T.: -0.010 min
Response: 3808690
Conc: 22.49 ug/ml



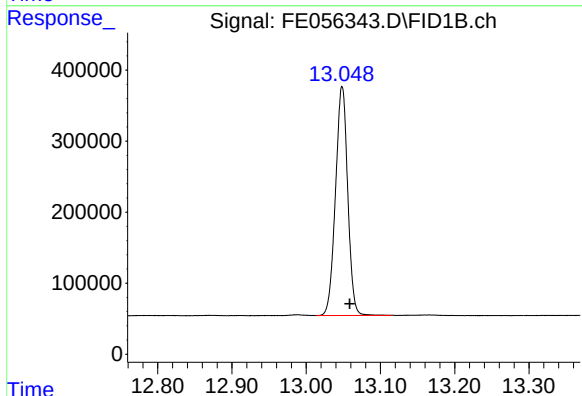
#9 ortho-Terphenyl (SURR)

R.T.: 12.060 min
Delta R.T.: -0.010 min
Response: 4159406
Conc: 22.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

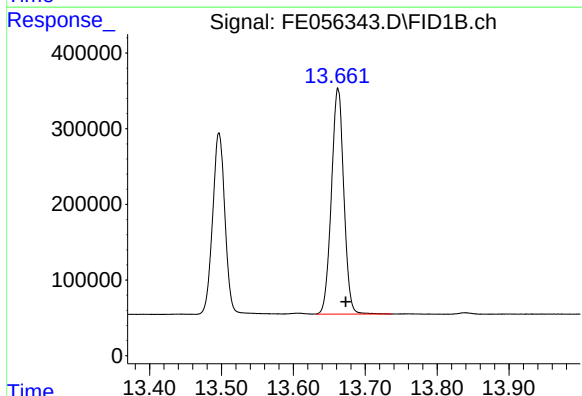
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2025
Supervised By :Sohil Jodhani 10/17/2025



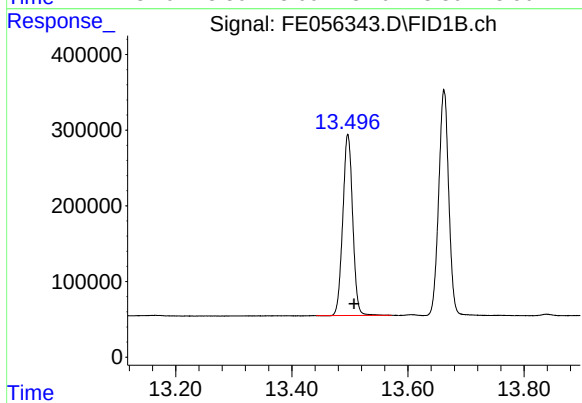
#10 n-Eicosane (C20)

R.T.: 13.048 min
Delta R.T.: -0.010 min
Response: 3681677
Conc: 22.21 ug/ml



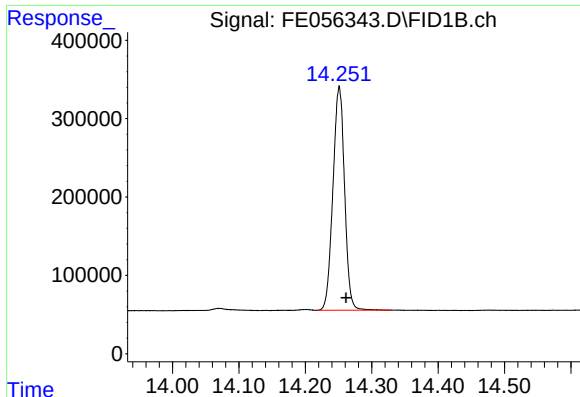
#11 n-Heneicosane (C21)

R.T.: 13.662 min
Delta R.T.: -0.011 min
Response: 3577891
Conc: 22.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.497 min
Delta R.T.: -0.011 min
Response: 2830926
Conc: 20.28 ug/ml



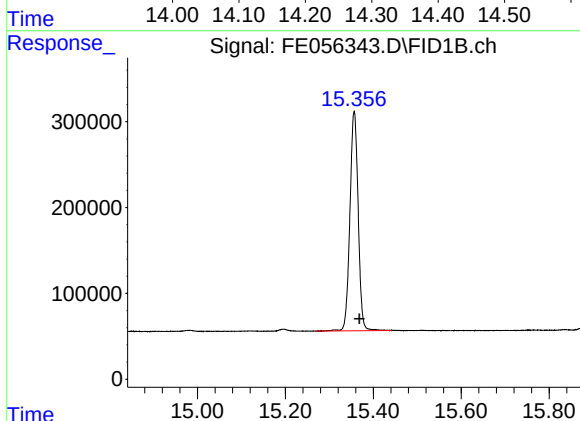
#13 n-Docosane (C22)

R.T.: 14.251 min
Delta R.T.: -0.010 min
Response: 3483644
Conc: 21.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

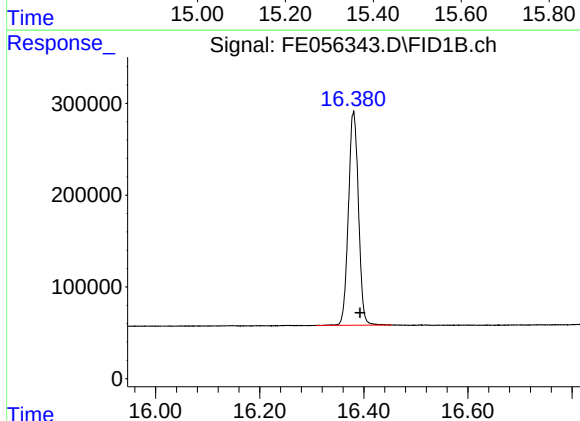
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2025
Supervised By :Sohil Jodhani 10/17/2025



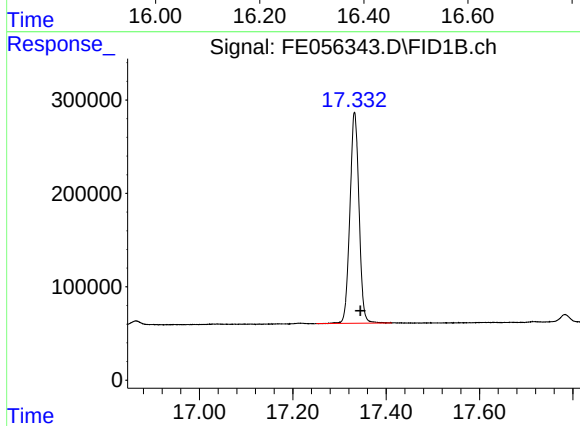
#14 n-Tetracosane (C24)

R.T.: 15.357 min
Delta R.T.: -0.012 min
Response: 3329598
Conc: 21.85 ug/ml



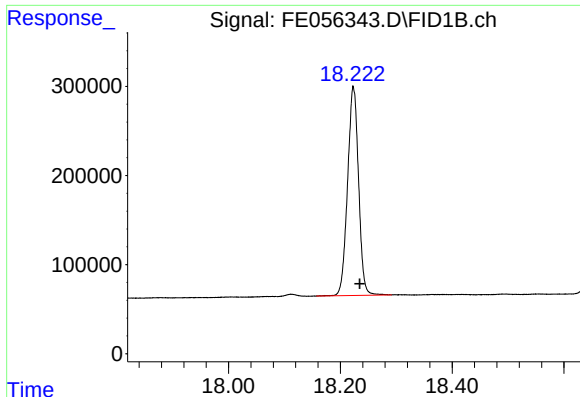
#15 n-Hexacosane (C26)

R.T.: 16.380 min
Delta R.T.: -0.012 min
Response: 3122823
Conc: 21.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.333 min
Delta R.T.: -0.012 min
Response: 3059119
Conc: 21.96 ug/ml



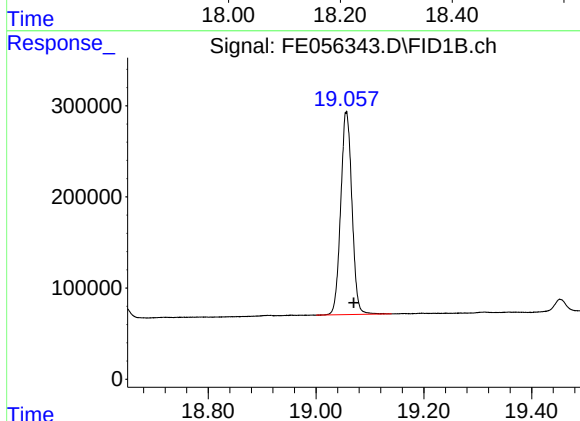
#17 n-Tricontane (C30)

R.T.: 18.223 min
Delta R.T.: -0.011 min
Response: 3192351
Conc: 21.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

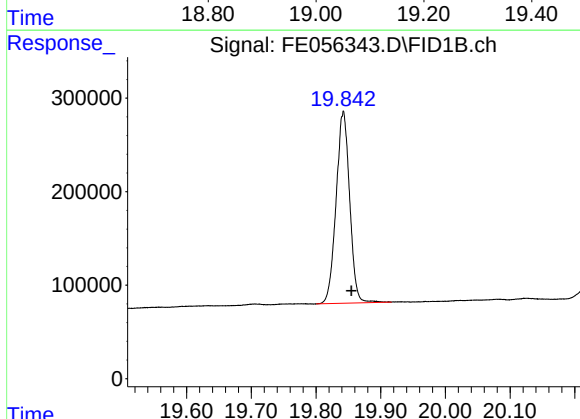
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2025
Supervised By :Sohil Jodhani 10/17/2025



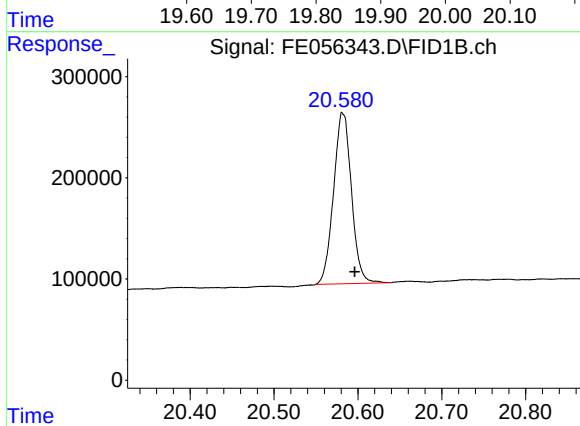
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: -0.014 min
Response: 3215166
Conc: 21.55 ug/ml



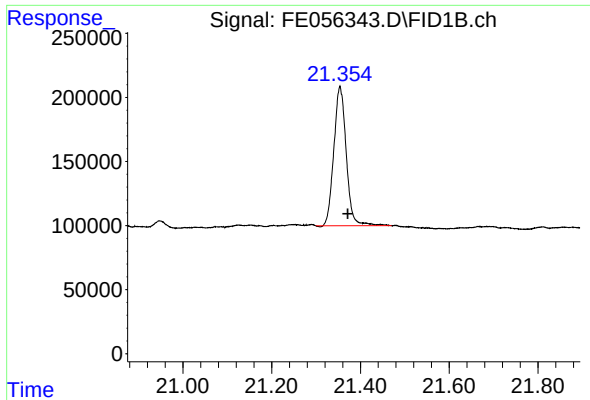
#19 n-Tetratriacontane (C34)

R.T.: 19.842 min
Delta R.T.: -0.013 min
Response: 2983983
Conc: 21.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.582 min
Delta R.T.: -0.014 min
Response: 2506417
Conc: 19.52 ug/ml



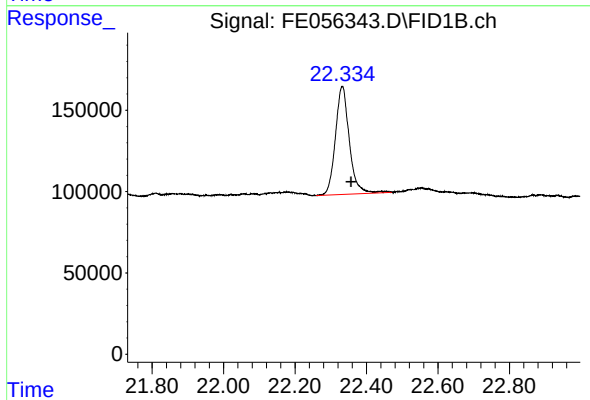
#21 n-Octatriacontane (C38)

R.T.: 21.354 min
Delta R.T.: -0.018 min
Response: 2112253
Conc: 16.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2025
Supervised By :Sohil Jodhani 10/17/2025



#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: -0.023 min
Response: 1798196
Conc: 15.12 ug/ml m