

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
 Data File : FE051861.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jan 2025 11:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2025
 Supervised By :Ankita Jodhani 01/09/2025

Integration File: autoint1.e
 Quant Time: Jan 08 22:55:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.120	2787793	19.233 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	13.548	2167205	18.860 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
1) T n-Nonane (C9)	3.528	2141688	19.390 ug/ml
2) T n-Decane (C10)	4.771	2222135	19.528 ug/ml
3) T A~Naphthalene (C11.7)	6.476	2502121	19.619 ug/ml
4) T n-Dodecane (C12)	6.924	2303626	19.616 ug/ml
5) T A~2-methylnaphthalene...	7.567	2466723	19.709 ug/ml
6) T n-Tetradecane (C14)	8.747	2352711	19.623 ug/ml
7) T n-Hexadecane (C16)	10.352	2496505	19.508 ug/ml
8) T n-Octadecane (C18)	11.794	2571142	19.322 ug/ml
10) T n-Eicosane (C20)	13.102	2516611	19.126 ug/ml
11) T n-Heneicosane (C21)	13.714	2482395	18.889 ug/ml
13) T n-Docosane (C22)	14.300	2495981	19.026 ug/ml
14) T n-Tetracosane (C24)	15.401	2528133	19.086 ug/ml
15) T n-Hexacosane (C26)	16.422	2493526	19.004 ug/ml
16) T n-Octacosane (C28)	17.370	2470277	19.132 ug/ml
17) T n-Tricontane (C30)	18.258	2535589	19.288 ug/ml
18) T n-Dotriacontane (C32)	19.090	2429024	19.140 ug/ml
19) T n-Tetratriacontane (C34)	19.872	2094947	18.855 ug/ml
20) T n-Hexatriacontane (C36)	20.611	1769425	17.935 ug/ml
21) T n-Octatriacontane (C38)	21.391	1657892	17.511 ug/ml
22) T n-Tetracontane (C40)	22.384	1617142	17.567 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
Data File : FE051861.D
Signal(s) : FID1B.ch
Acq On : 08 Jan 2025 11:42
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

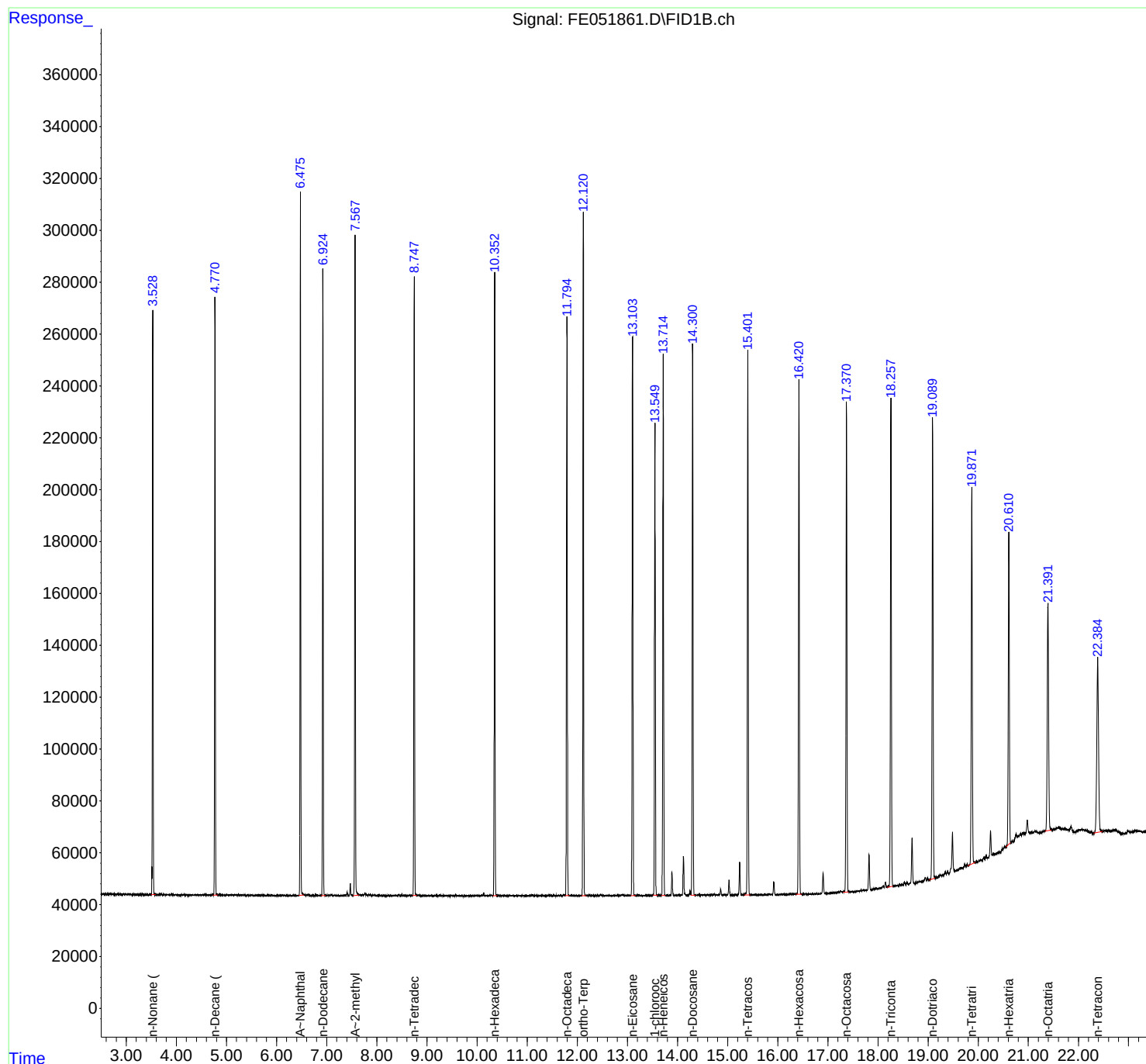
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

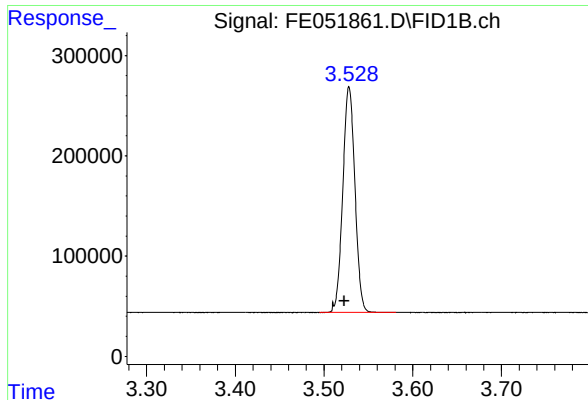
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025

Integration File: autoint1.e
Quant Time: Jan 08 22:55:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.
Quant Title : GC Extractables
QLast Update : Fri Jan 03 04:14:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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





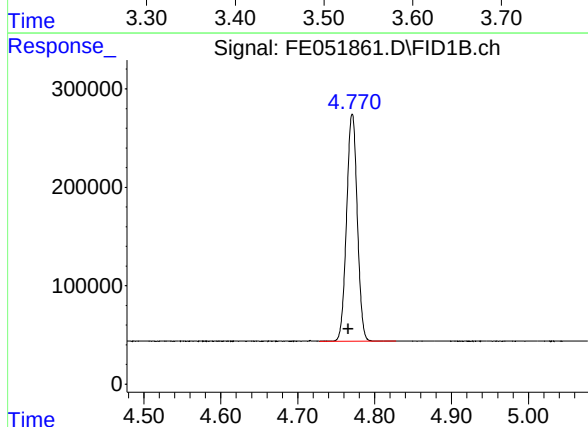
#1 n-Nonane (C9)

R.T.: 3.528 min
Delta R.T.: 0.005 min
Response: 2141688
Conc: 19.39 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

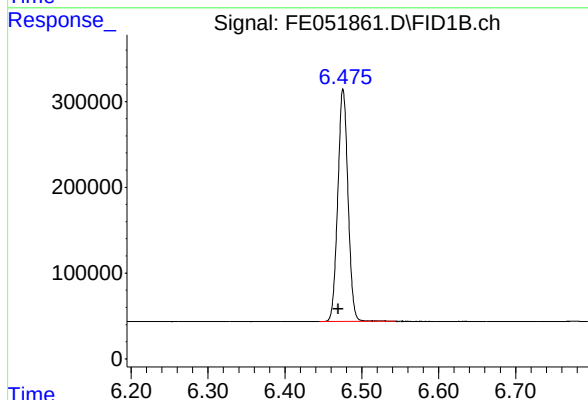
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



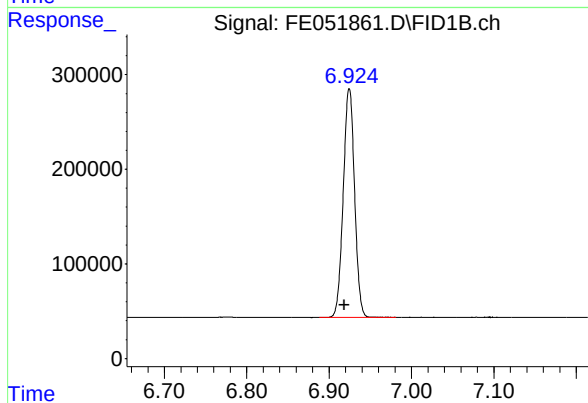
#2 n-Decane (C10)

R.T.: 4.771 min
Delta R.T.: 0.005 min
Response: 2222135
Conc: 19.53 ug/ml



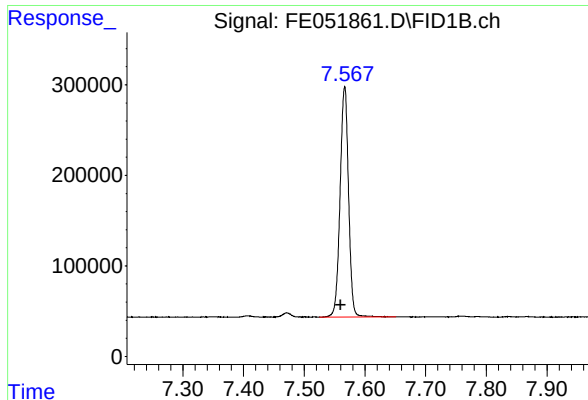
#3 A~Naphthalene (C11.7)

R.T.: 6.476 min
Delta R.T.: 0.006 min
Response: 2502121
Conc: 19.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.924 min
Delta R.T.: 0.006 min
Response: 2303626
Conc: 19.62 ug/ml



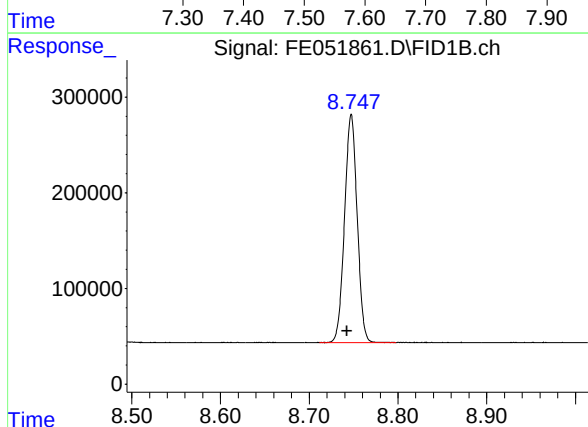
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.567 min
Delta R.T.: 0.007 min
Response: 2466723
Conc: 19.71 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

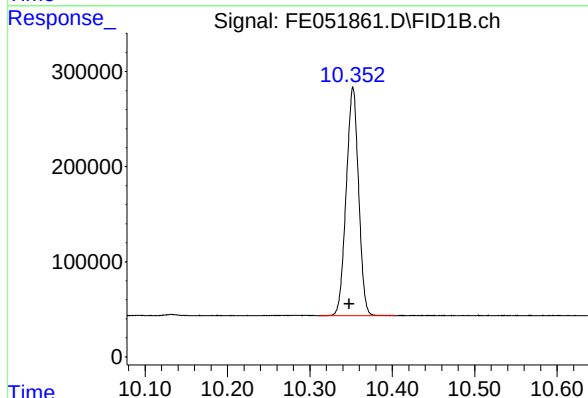
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



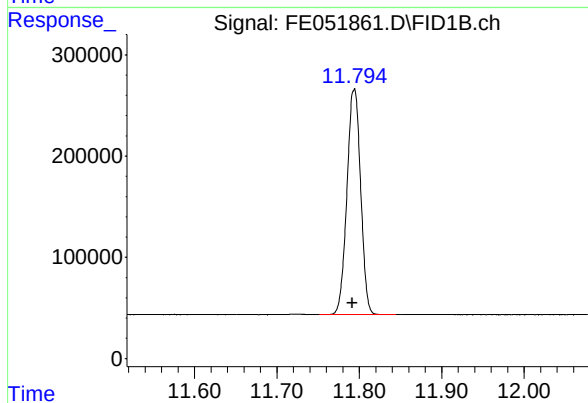
#6 n-Tetradecane (C14)

R.T.: 8.747 min
Delta R.T.: 0.005 min
Response: 2352711
Conc: 19.62 ug/ml



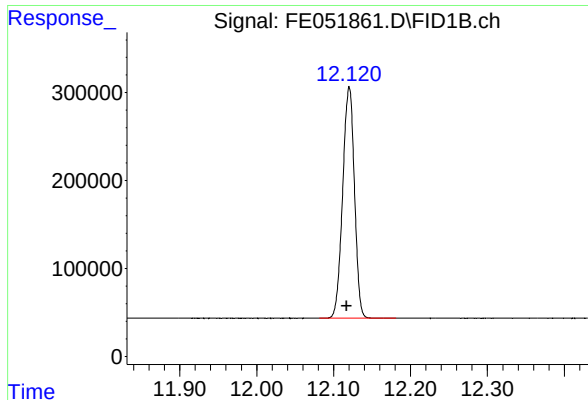
#7 n-Hexadecane (C16)

R.T.: 10.352 min
Delta R.T.: 0.004 min
Response: 2496505
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.794 min
Delta R.T.: 0.002 min
Response: 2571142
Conc: 19.32 ug/ml



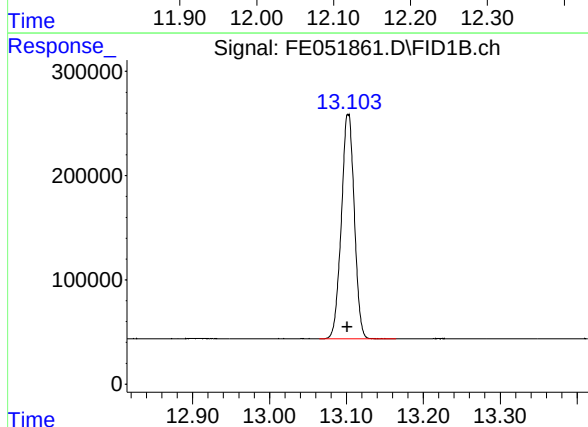
#9 ortho-Terphenyl (SURR)

R.T.: 12.120 min
Delta R.T.: 0.003 min
Response: 2787793
Conc: 19.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

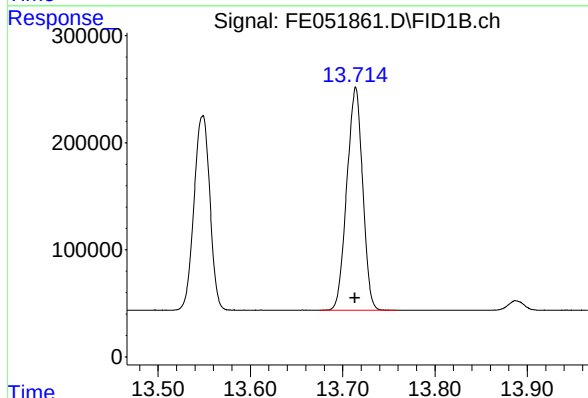
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



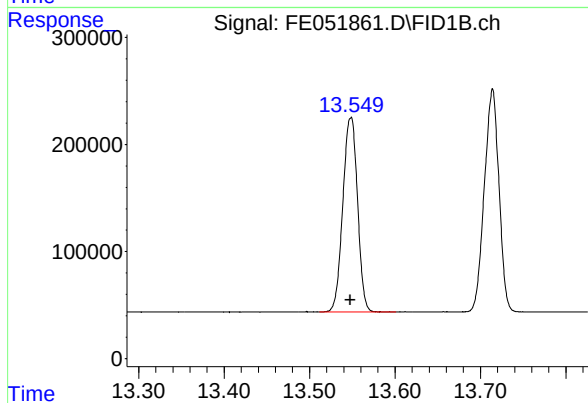
#10 n-Eicosane (C20)

R.T.: 13.102 min
Delta R.T.: 0.001 min
Response: 2516611
Conc: 19.13 ug/ml



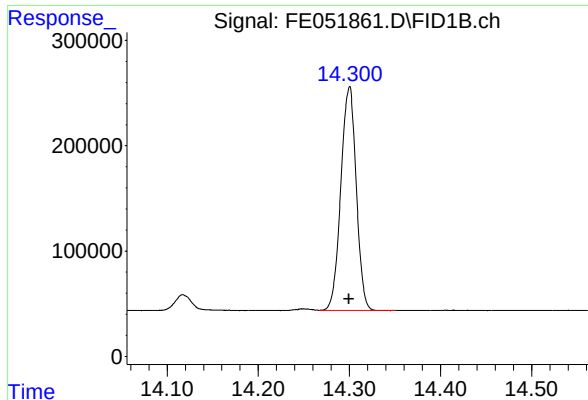
#11 n-Heneicosane (C21)

R.T.: 13.714 min
Delta R.T.: 0.000 min
Response: 2482395
Conc: 18.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 2167205
Conc: 18.86 ug/ml



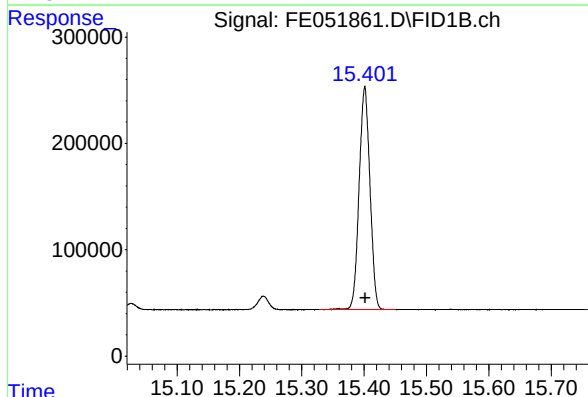
#13 n-Docosane (C22)

R.T.: 14.300 min
Delta R.T.: 0.000 min
Response: 2495981
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

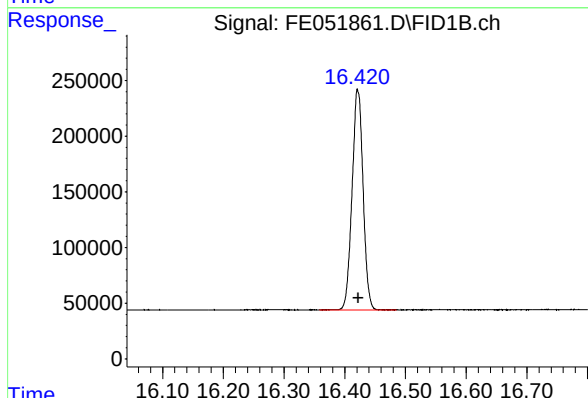
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



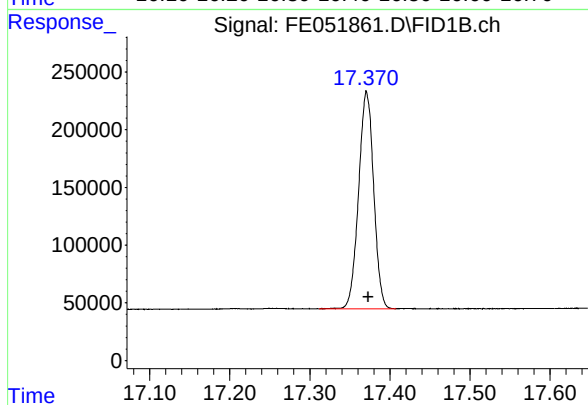
#14 n-Tetracosane (C24)

R.T.: 15.401 min
Delta R.T.: -0.001 min
Response: 2528133
Conc: 19.09 ug/ml



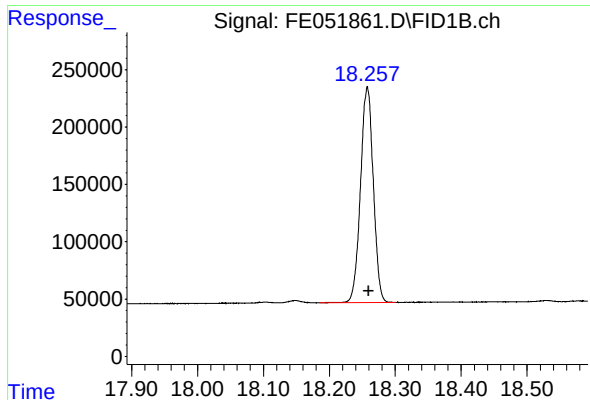
#15 n-Hexacosane (C26)

R.T.: 16.422 min
Delta R.T.: 0.000 min
Response: 2493526
Conc: 19.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.370 min
Delta R.T.: -0.003 min
Response: 2470277
Conc: 19.13 ug/ml m



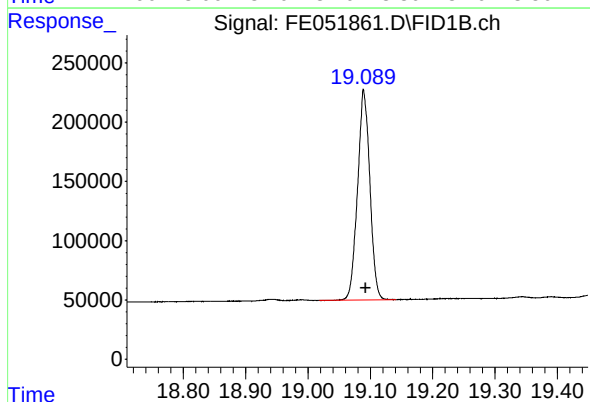
#17 n-Tricontane (C30)

R.T.: 18.258 min
Delta R.T.: -0.002 min
Response: 2535589
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

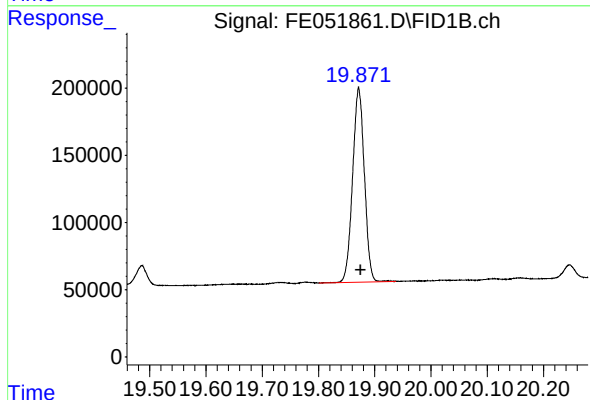
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



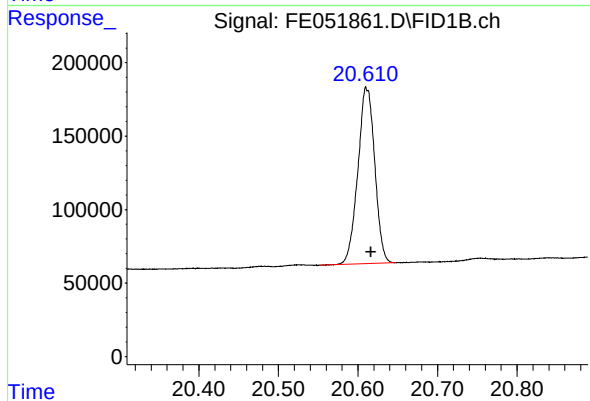
#18 n-Dotriacontane (C32)

R.T.: 19.090 min
Delta R.T.: -0.003 min
Response: 2429024
Conc: 19.14 ug/ml



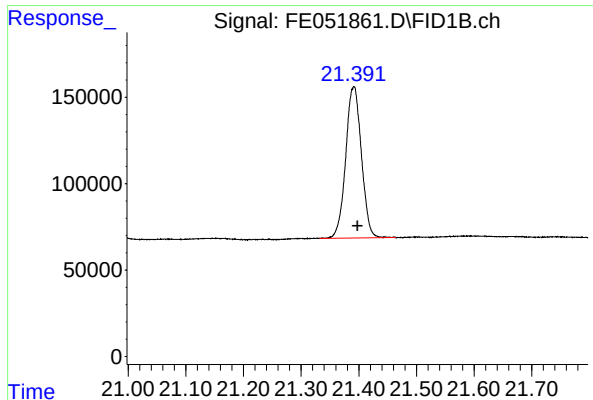
#19 n-Tetatriacontane (C34)

R.T.: 19.872 min
Delta R.T.: -0.004 min
Response: 2094947
Conc: 18.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.611 min
Delta R.T.: -0.005 min
Response: 1769425
Conc: 17.93 ug/ml



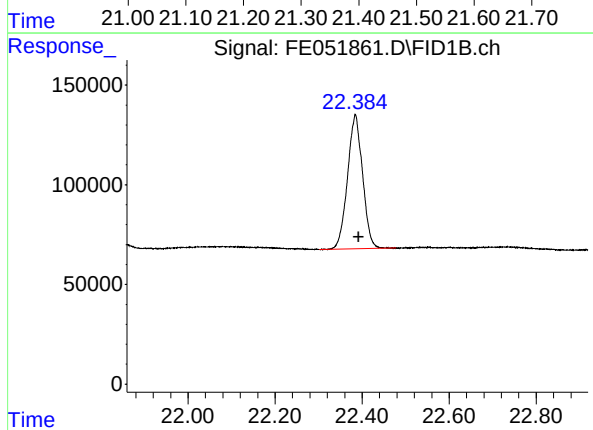
#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: -0.007 min
Response: 1657892
Conc: 17.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: -0.008 min
Response: 1617142
Conc: 17.57 ug/ml