

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020325AL\
 Data File : FE052204.D
 Signal(s) : FID1B.ch
 Acq On : 03 Feb 2025 11:51
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/04/2025
 Supervised By :Ankita Jodhani 02/04/2025

Integration File: autoint1.e
 Quant Time: Feb 03 13:56:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 13:54:43 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)	12.291	11433358	94.926 ug/ml
Spiked Amount 50.000		Recovery =	189.85%
12) S 1-chlorooctadecane (S...	13.705	9123651	94.908 ug/ml
Spiked Amount 50.000		Recovery =	189.82%
Target Compounds			
1) T n-Nonane (C9)	3.734	8601709	94.774 ug/ml
2) T n-Decane (C10)	4.965	8881455	94.983 ug/ml
3) T A~Naphthalene (C11.7)	6.672	9911771	95.058 ug/ml
4) T n-Dodecane (C12)	7.102	9215462	95.308 ug/ml
5) T A~2-methylnaphthalene...	7.757	9855017	95.763 ug/ml
6) T n-Tetradecane (C14)	8.915	9441421	95.448 ug/ml
7) T n-Hexadecane (C16)	10.514	10085468	95.184 ug/ml
8) T n-Octadecane (C18)	11.953	10492394	94.962 ug/ml
10) T n-Eicosane (C20)	13.257	10385290	94.713 ug/ml
11) T n-Heneicosane (C21)	13.868	10368538	94.700 ug/ml
13) T n-Docosane (C22)	14.452	10430935	94.763 ug/ml
14) T n-Tetracosane (C24)	15.552	10585800	94.610 ug/ml
15) T n-Hexacosane (C26)	16.570	10542000	94.557 ug/ml
16) T n-Octacosane (C28)	17.518	10328264	94.153 ug/ml
17) T n-Tricontane (C30)	18.403	10293664	93.569 ug/ml
18) T n-Dotriacontane (C32)	19.234	9682834	92.481 ug/ml
19) T n-Tetratriacontane (C34)	20.015	8402760	91.993 ug/ml
20) T n-Hexatriacontane (C36)	20.752	7202937	90.403 ug/ml
21) T n-Octatriacontane (C38)	21.568	6673402	91.969 ug/ml
22) T n-Tetracontane (C40)	22.611	6526354	91.009 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020325AL\
Data File : FE052204.D
Signal(s) : FID1B.ch
Acq On : 03 Feb 2025 11:51
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

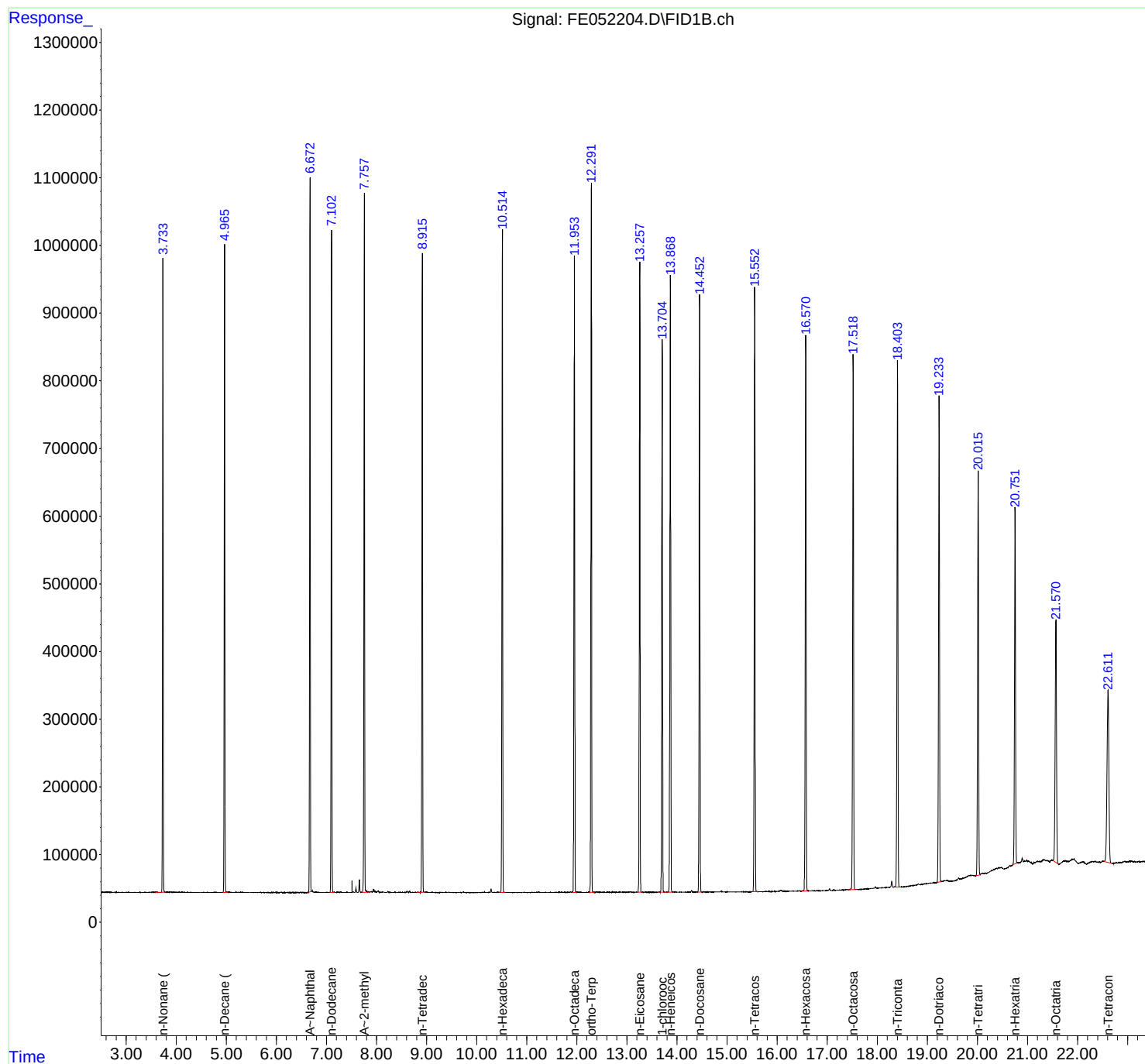
Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

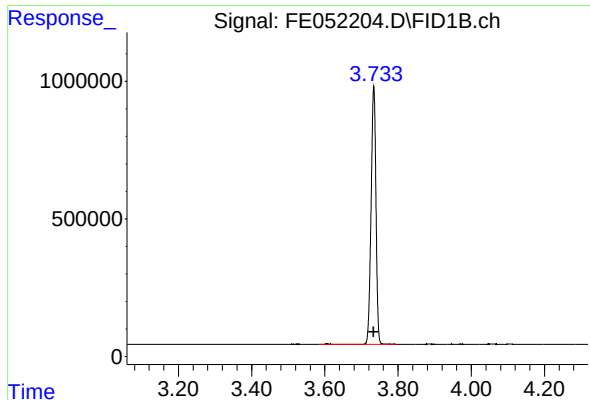
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025

Integration File: autoint1.e
Quant Time: Feb 03 13:56:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.
Quant Title : GC Extractables
QLast Update : Mon Feb 03 13:54:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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





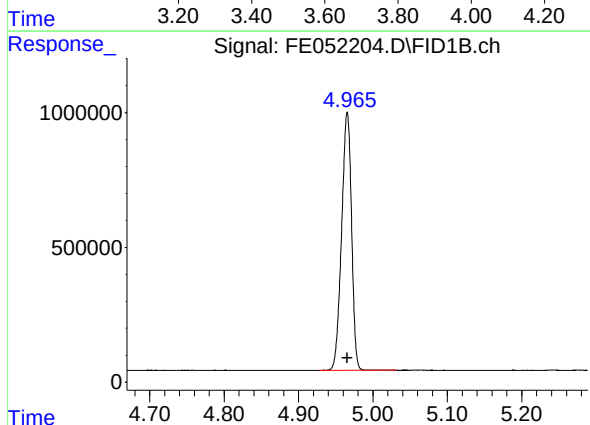
#1 n-Nonane (C9)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 8601709
Conc: 94.77 ug/ml

Instrument : FID_E
ClientSampleId : 100 PPM ALIPHATIC HC STD1

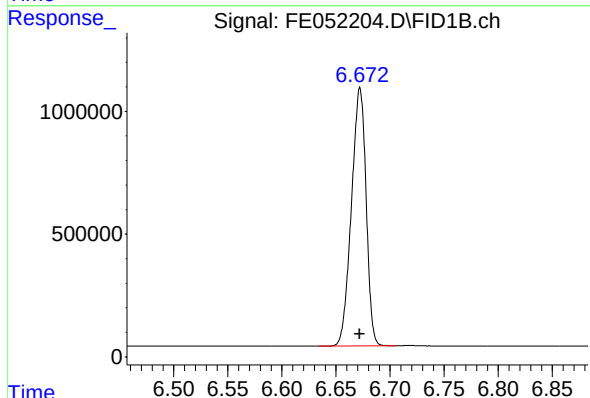
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



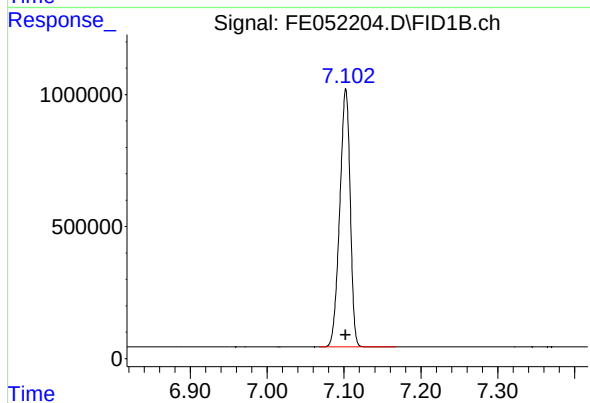
#2 n-Decane (C10)

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 8881455
Conc: 94.98 ug/ml



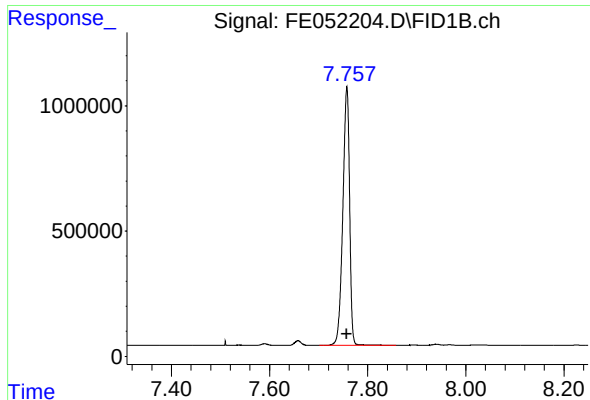
#3 A~Naphthalene (C11.7)

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 9911771
Conc: 95.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 9215462
Conc: 95.31 ug/ml



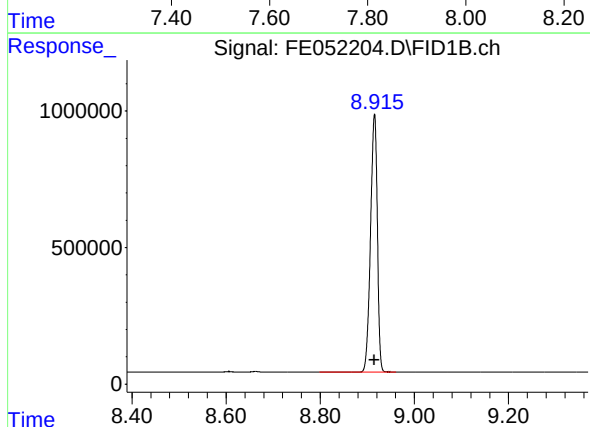
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 9855017
Conc: 95.76 ug/ml

Instrument : FID_E
ClientSampleId : 100 PPM ALIPHATIC HC STD1

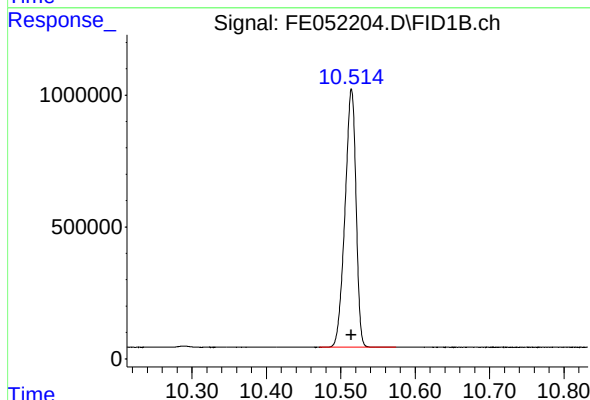
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



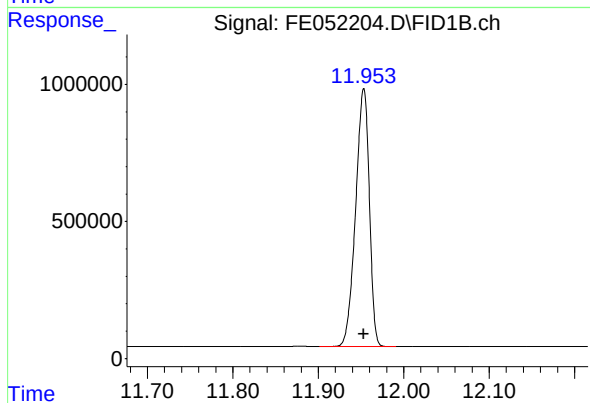
#6 n-Tetradecane (C14)

R.T.: 8.915 min
Delta R.T.: 0.000 min
Response: 9441421
Conc: 95.45 ug/ml



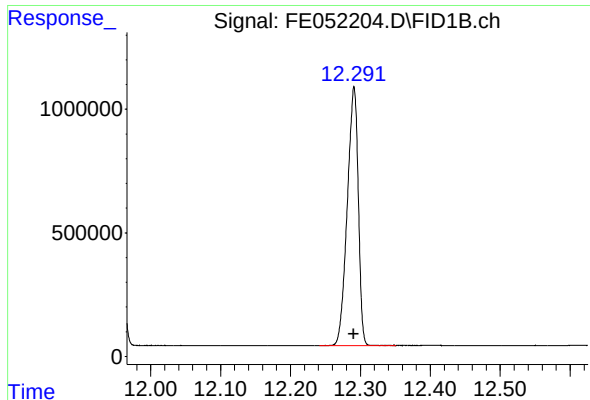
#7 n-Hexadecane (C16)

R.T.: 10.514 min
Delta R.T.: 0.000 min
Response: 10085468
Conc: 95.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.953 min
Delta R.T.: 0.000 min
Response: 10492394
Conc: 94.96 ug/ml



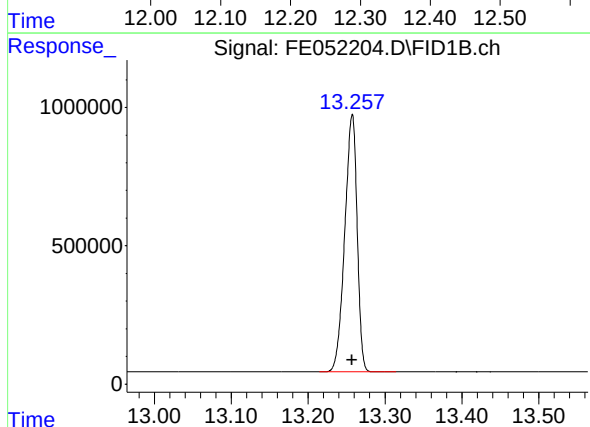
#9 ortho-Terphenyl (SURR)

R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 11433358
Conc: 94.93 ug/ml

Instrument : FID_E
ClientSampleId : 100 PPM ALIPHATIC HC STD1

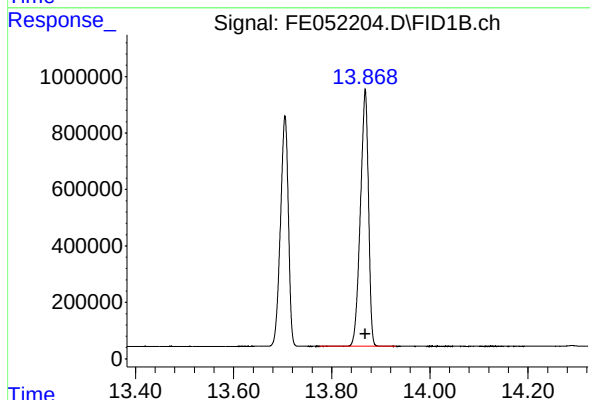
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



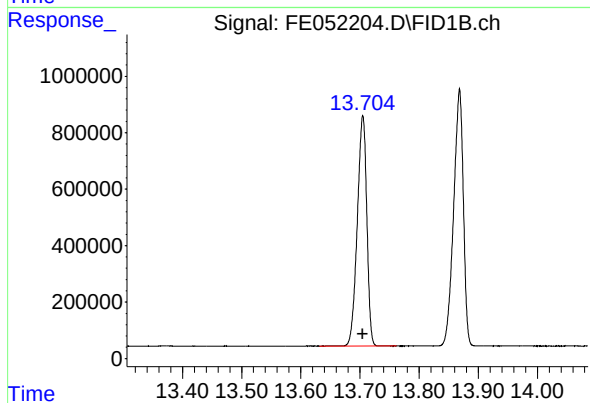
#10 n-Eicosane (C20)

R.T.: 13.257 min
Delta R.T.: 0.000 min
Response: 10385290
Conc: 94.71 ug/ml



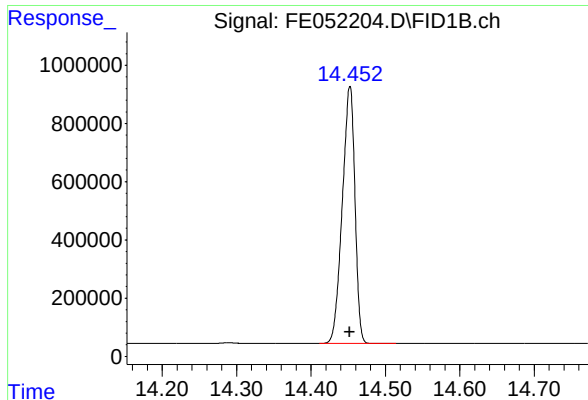
#11 n-Heneicosane (C21)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 10368538
Conc: 94.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.705 min
Delta R.T.: 0.000 min
Response: 9123651
Conc: 94.91 ug/ml



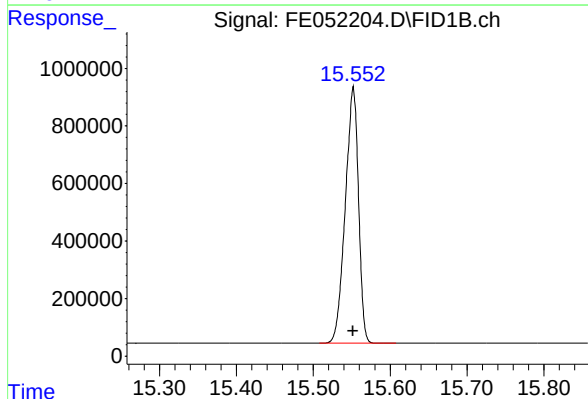
#13 n-Docosane (C22)

R.T.: 14.452 min
Delta R.T.: 0.000 min
Response: 10430935
Conc: 94.76 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

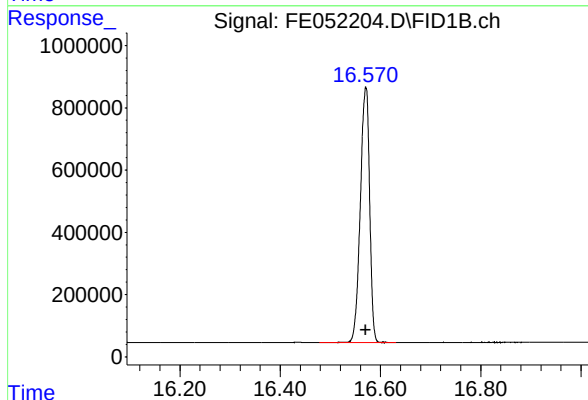
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



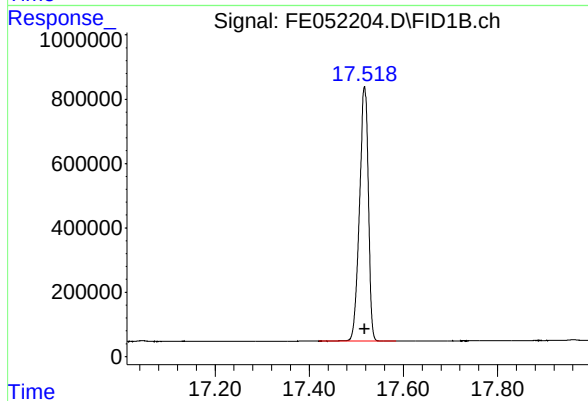
#14 n-Tetracosane (C24)

R.T.: 15.552 min
Delta R.T.: 0.000 min
Response: 10585800
Conc: 94.61 ug/ml



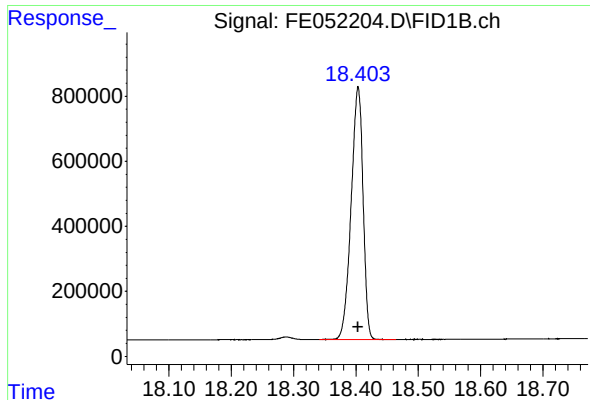
#15 n-Hexacosane (C26)

R.T.: 16.570 min
Delta R.T.: 0.000 min
Response: 10542000
Conc: 94.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.518 min
Delta R.T.: 0.000 min
Response: 10328264
Conc: 94.15 ug/ml



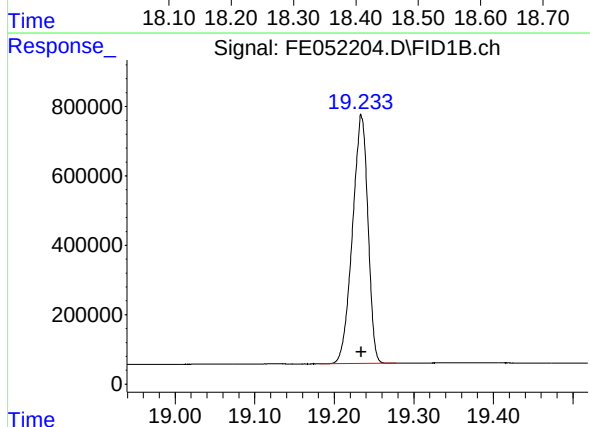
#17 n-Tricontane (C30)

R.T.: 18.403 min
Delta R.T.: 0.000 min
Response: 10293664
Conc: 93.57 ug/ml

Instrument : FID_E
ClientSampleId : 100 PPM ALIPHATIC HC STD1

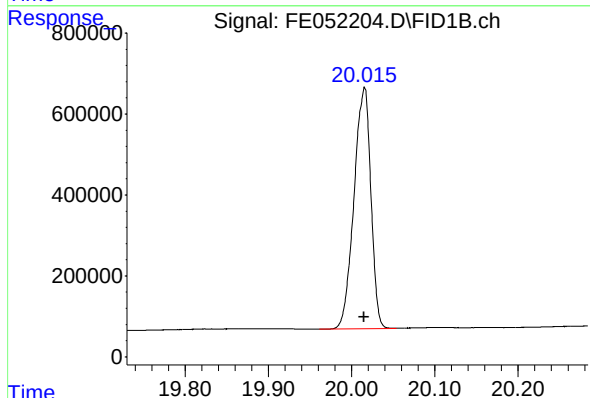
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



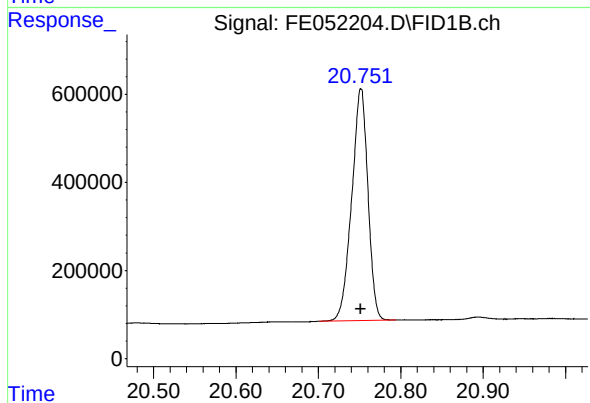
#18 n-Dotriacontane (C32)

R.T.: 19.234 min
Delta R.T.: 0.000 min
Response: 9682834
Conc: 92.48 ug/ml



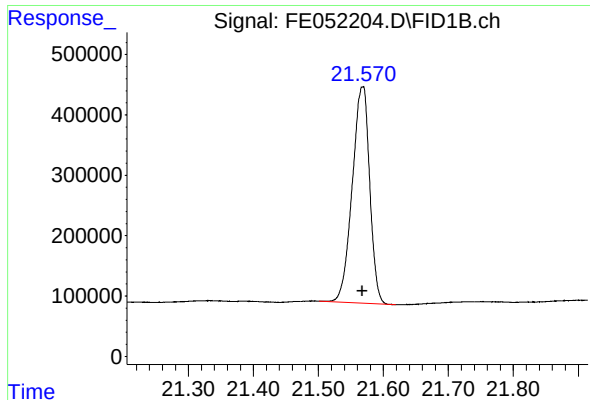
#19 n-Tetratriacontane (C34)

R.T.: 20.015 min
Delta R.T.: 0.000 min
Response: 8402760
Conc: 91.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.752 min
Delta R.T.: 0.000 min
Response: 7202937
Conc: 90.40 ug/ml



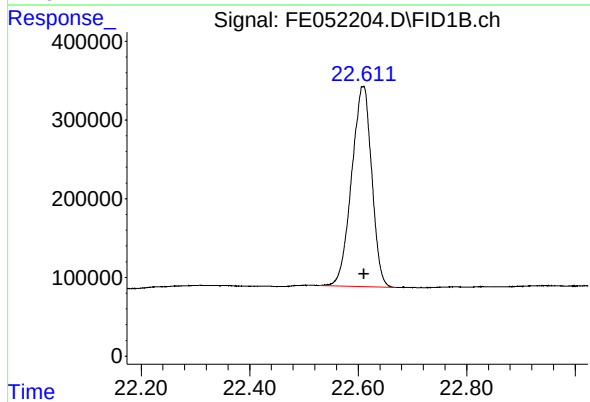
#21 n-Octatriacontane (C38)

R.T.: 21.568 min
Delta R.T.: 0.000 min
Response: 6673402
Conc: 91.97 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



#22 n-Tetracontane (C40)

R.T.: 22.611 min
Delta R.T.: 0.000 min
Response: 6526354
Conc: 91.01 ug/ml m