

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020325AL\
 Data File : FF015448.D
 Signal(s) : FID2B.ch
 Acq On : 03 Feb 2025 22:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Feb 04 05:20:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 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)	11.938	3117518	19.608 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
12) S 1-chlorooctadecane (S...	13.375	2370474	19.015 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.318	2804806	21.367 ug/ml
2) T n-Decane (C10)	4.573	2901796	21.694 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3112764	21.402 ug/ml
4) T n-Dodecane (C12)	6.738	2949649	21.874 ug/ml
5) T A~2-methylnaphthalene...	7.373	2980195	21.179 ug/ml
6) T n-Tetradecane (C14)	8.565	2940361	21.763 ug/ml
7) T n-Hexadecane (C16)	10.173	3027659	21.367 ug/ml
8) T n-Octadecane (C18)	11.618	3009893	20.553 ug/ml
10) T n-Eicosane (C20)	12.929	2827677	19.612 ug/ml
11) T n-Heneicosane (C21)	13.541	2741755	19.207 ug/ml
13) T n-Docosane (C22)	14.128	2682796	18.717 ug/ml
14) T n-Tetracosane (C24)	15.234	2602194	17.938 ug/ml
15) T n-Hexacosane (C26)	16.257	2509725	17.660 ug/ml
16) T n-Octacosane (C28)	17.209	2483282	17.846 ug/ml
17) T n-Tricontane (C30)	18.098	2570238	18.455 ug/ml
18) T n-Dotriacontane (C32)	18.932	2512249	19.261 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2236334	20.572 ug/mlm
20) T n-Hexatriacontane (C36)	20.460	1969500	22.392 ug/ml
21) T n-Octatriacontane (C38)	21.200	1973629	23.949 ug/ml
22) T n-Tetracontane (C40)	22.122	1959168	24.693 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020325AL\
Data File : FF015448.D
Signal(s) : FID2B.ch
Acq On : 03 Feb 2025 22:51
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

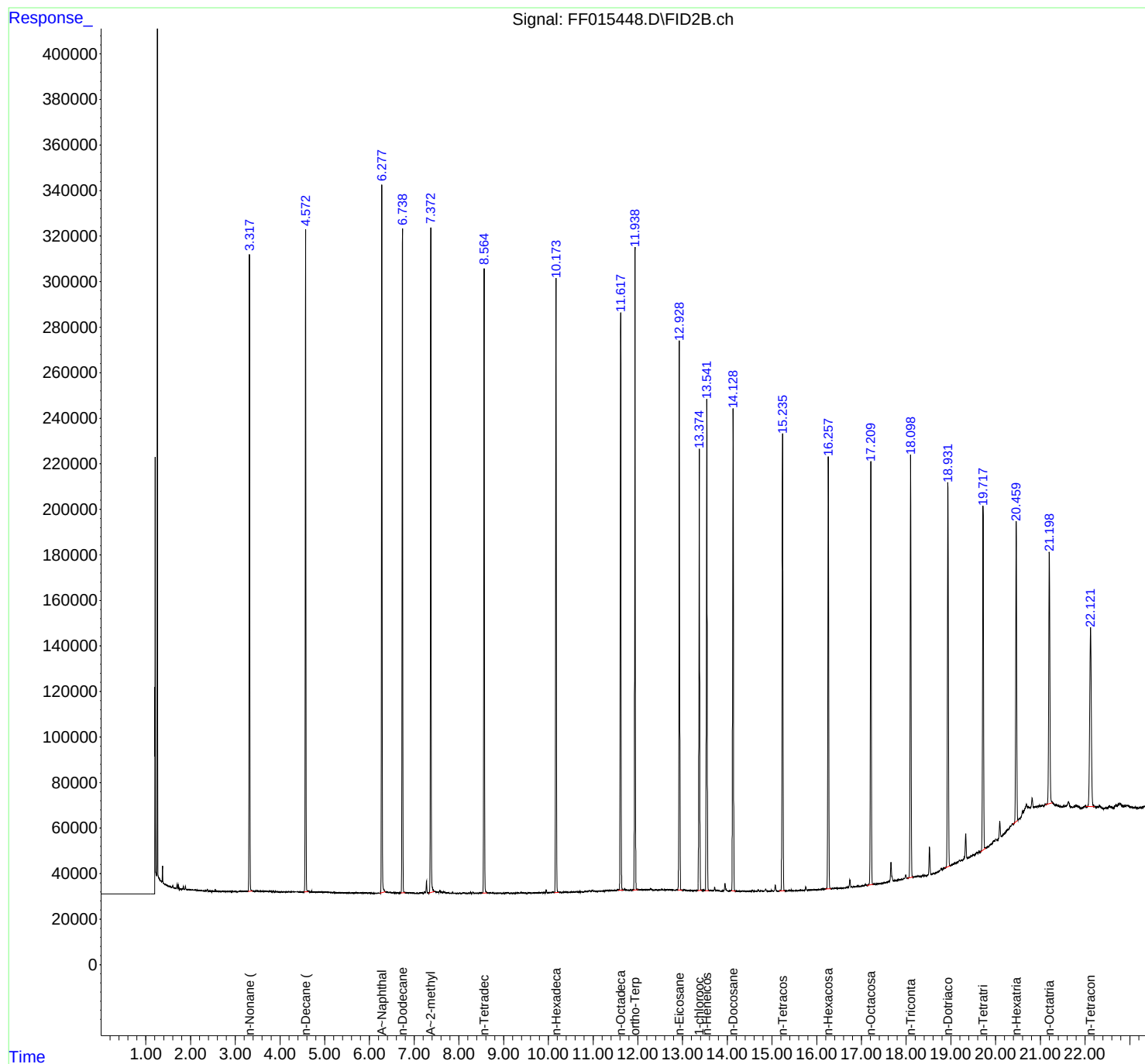
Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

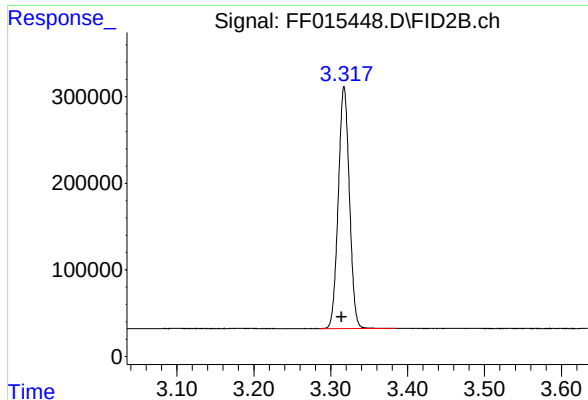
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Feb 04 05:20:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 15:33:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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





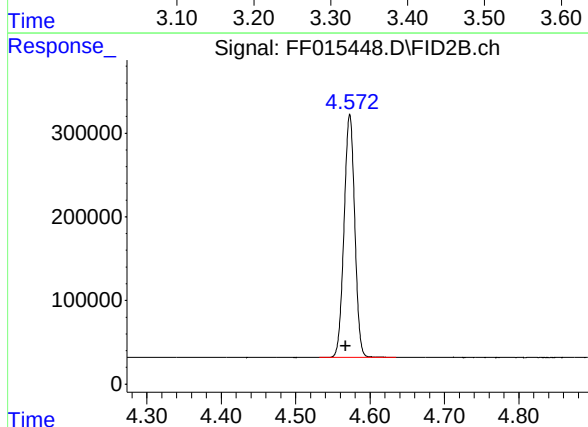
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.004 min
Response: 2804806
Conc: 21.37 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

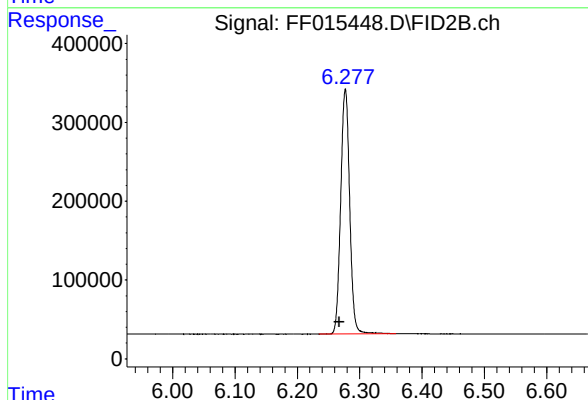
Manual Integrations
APPROVED

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



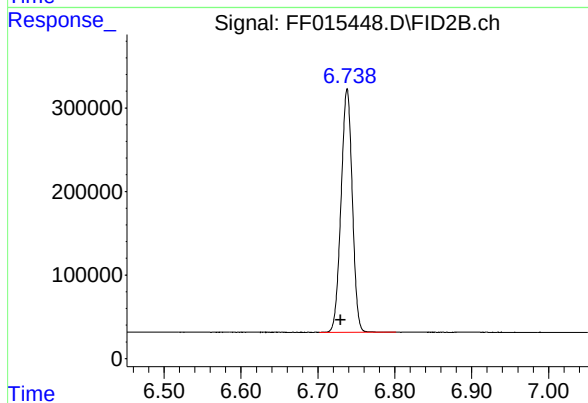
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.005 min
Response: 2901796
Conc: 21.69 ug/ml



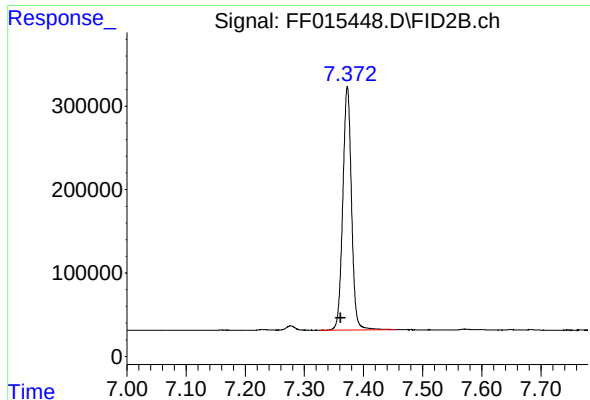
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.010 min
Response: 3112764
Conc: 21.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: 0.008 min
Response: 2949649
Conc: 21.87 ug/ml



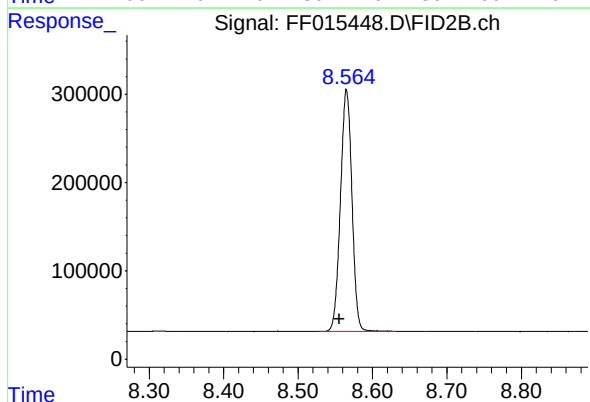
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.012 min
Response: 2980195
Conc: 21.18 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

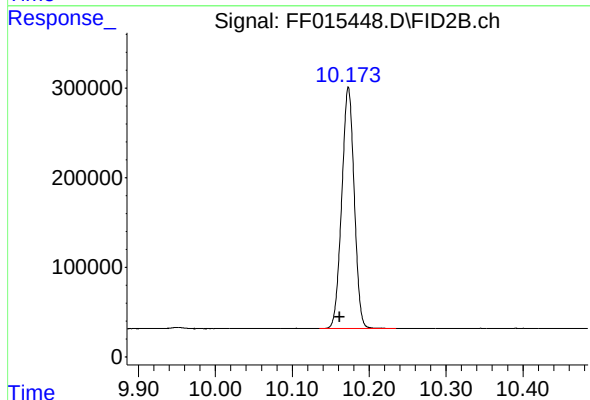
Manual Integrations
APPROVED

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



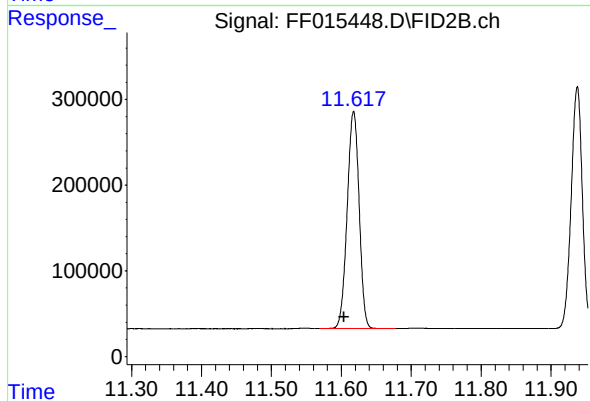
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.010 min
Response: 2940361
Conc: 21.76 ug/ml



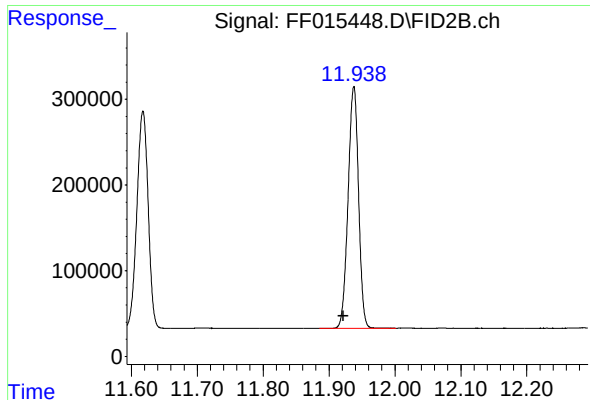
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.012 min
Response: 3027659
Conc: 21.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.014 min
Response: 3009893
Conc: 20.55 ug/ml



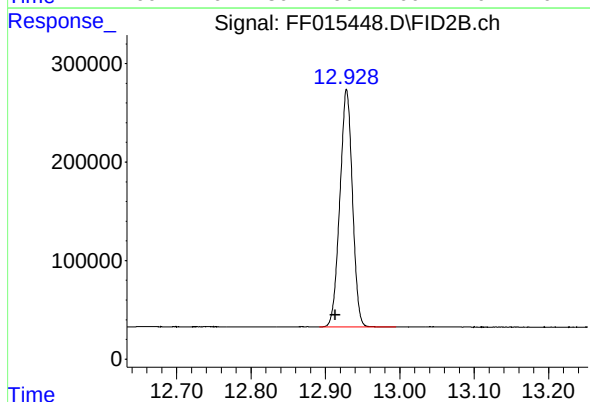
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.016 min
Response: 3117518
Conc: 19.61 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

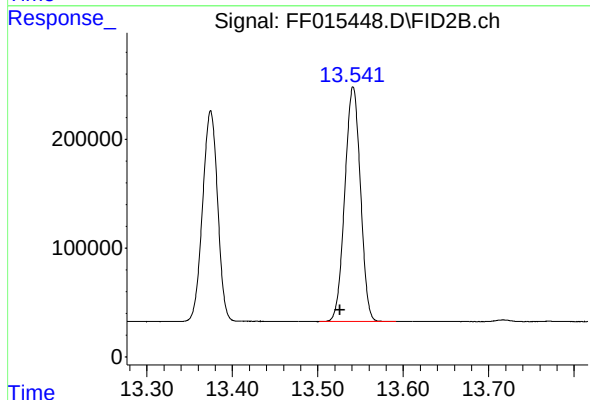
Manual Integrations
APPROVED

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



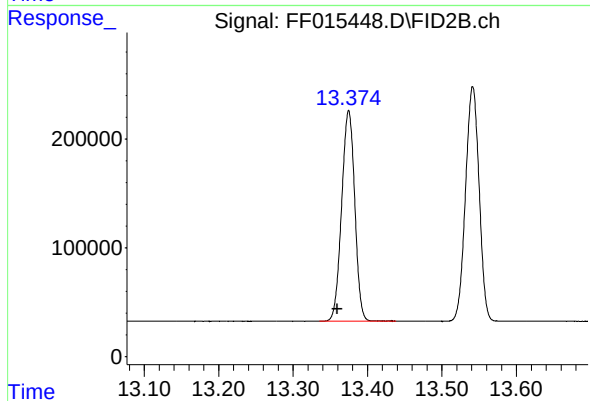
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: 0.015 min
Response: 2827677
Conc: 19.61 ug/ml



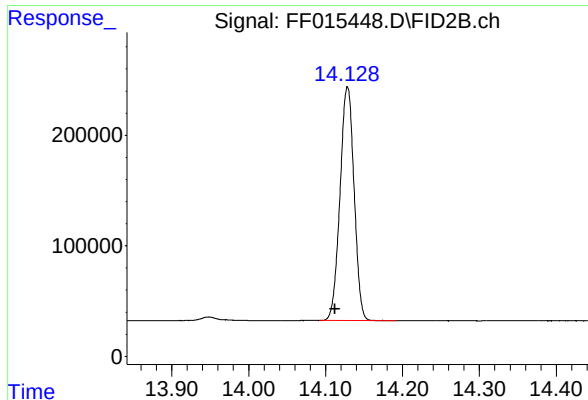
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: 0.016 min
Response: 2741755
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: 0.015 min
Response: 2370474
Conc: 19.01 ug/ml



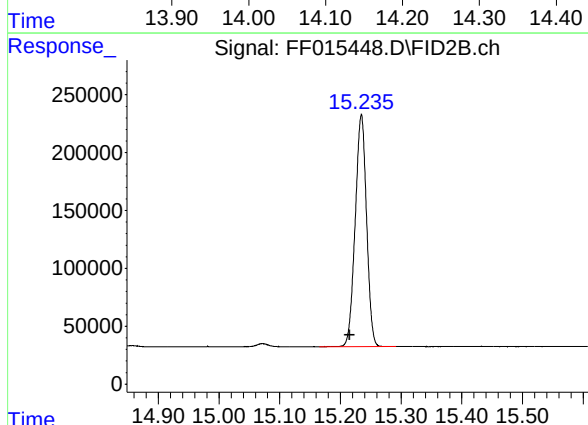
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: 0.016 min
Response: 2682796
Conc: 18.72 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

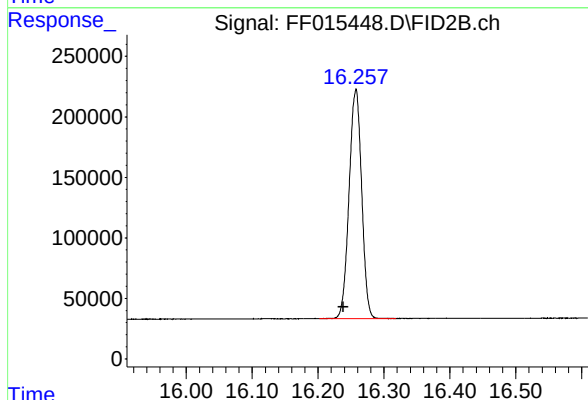
Manual Integrations
APPROVED

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



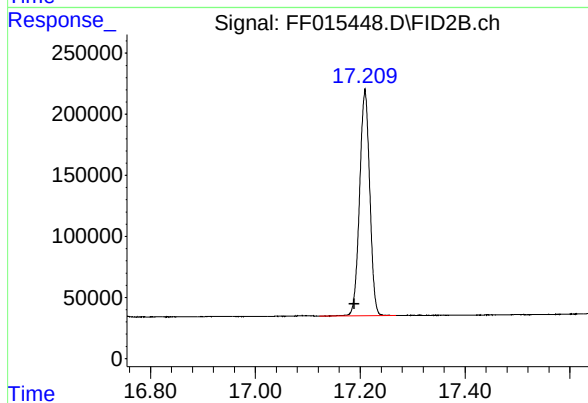
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: 0.019 min
Response: 2602194
Conc: 17.94 ug/ml



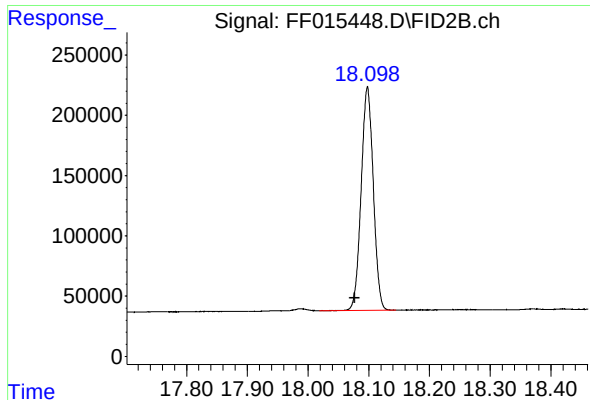
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: 0.019 min
Response: 2509725
Conc: 17.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: 0.021 min
Response: 2483282
Conc: 17.85 ug/ml



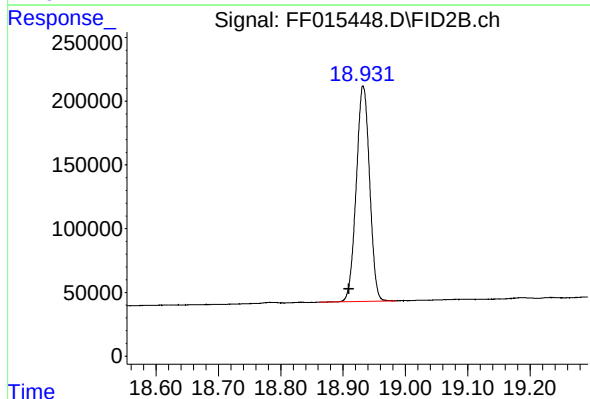
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: 0.021 min
Response: 2570238
Conc: 18.45 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

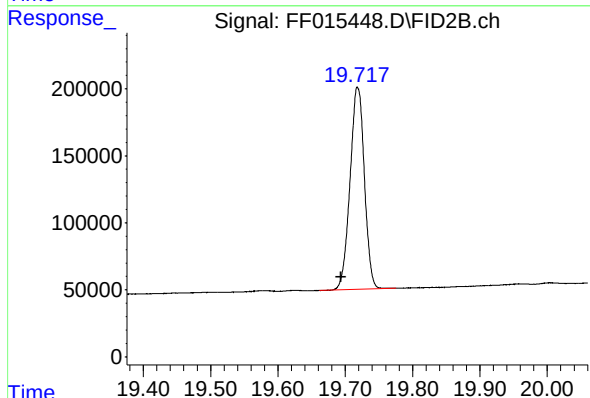
Manual Integrations
APPROVED

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



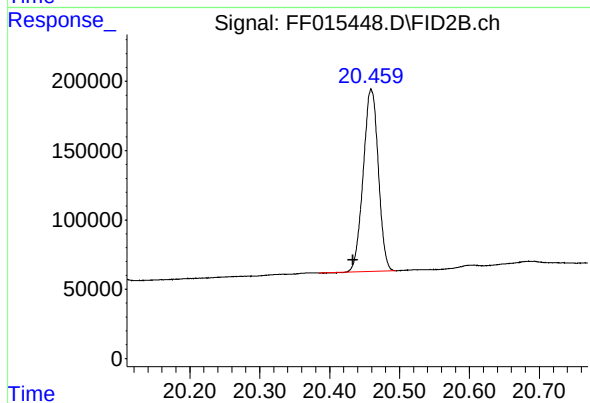
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.023 min
Response: 2512249
Conc: 19.26 ug/ml



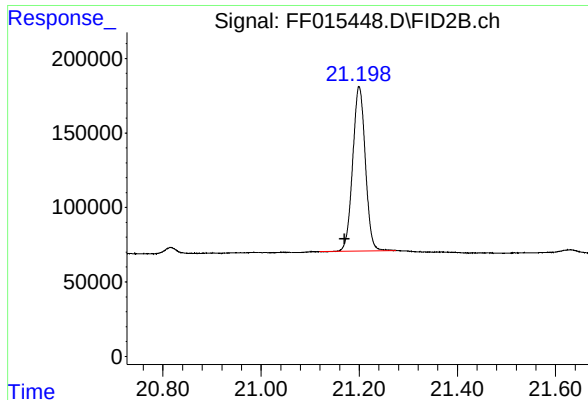
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.024 min
Response: 2236334
Conc: 20.57 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: 0.026 min
Response: 1969500
Conc: 22.39 ug/ml



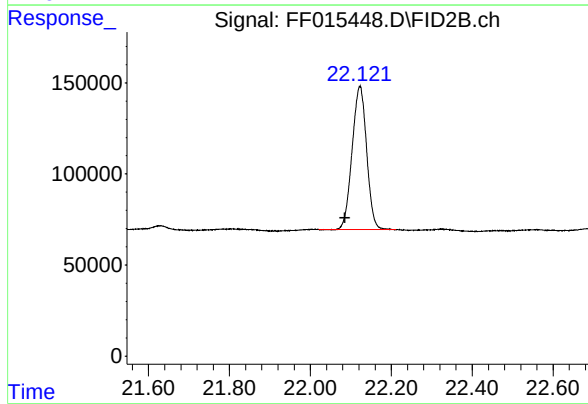
#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.030 min
Response: 1973629
Conc: 23.95 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

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



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.036 min
Response: 1959168
Conc: 24.69 ug/ml