

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AL\
 Data File : FF015349.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 04:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 05:16:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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)	11.927	3123324	19.977 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
12) S 1-chlorooctadecane (S...	13.366	2387113	19.605 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T n-Nonane (C9)	3.314	2643672	20.362 ug/ml
2) T n-Decane (C10)	4.567	2701070	20.326 ug/ml
3) T A~Naphthalene (C11.7)	6.269	2889229	19.784 ug/ml
4) T n-Dodecane (C12)	6.732	2754818	20.265 ug/ml
5) T A~2-methylnaphthalene...	7.363	2774304	19.434 ug/ml
6) T n-Tetradecane (C14)	8.557	2758896	20.061 ug/ml
7) T n-Hexadecane (C16)	10.165	2886691	19.923 ug/ml
8) T n-Octadecane (C18)	11.609	2955577	19.886 ug/ml
10) T n-Eicosane (C20)	12.920	2849248	19.851 ug/ml
11) T n-Heneicosane (C21)	13.534	2798732	19.794 ug/ml
13) T n-Docosane (C22)	14.120	2760223	19.632 ug/ml
14) T n-Tetracosane (C24)	15.224	2702095	19.414 ug/ml
15) T n-Hexacosane (C26)	16.248	2594327	19.154 ug/ml
16) T n-Octacosane (C28)	17.200	2529014	19.218 ug/ml
17) T n-Tricontane (C30)	18.088	2602736	19.620 ug/ml
18) T n-Dotriacontane (C32)	18.924	2506306	19.872 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2153192	19.775 ug/mlm
20) T n-Hexatriacontane (C36)	20.448	1820567	19.500 ug/mlm
21) T n-Octatriacontane (C38)	21.188	1688178	19.238 ug/mlm
22) T n-Tetracontane (C40)	22.110	1612826	19.028 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AL\
Data File : FF015349.D
Signal(s) : FID2B.ch
Acq On : 29 Jan 2025 04:41
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

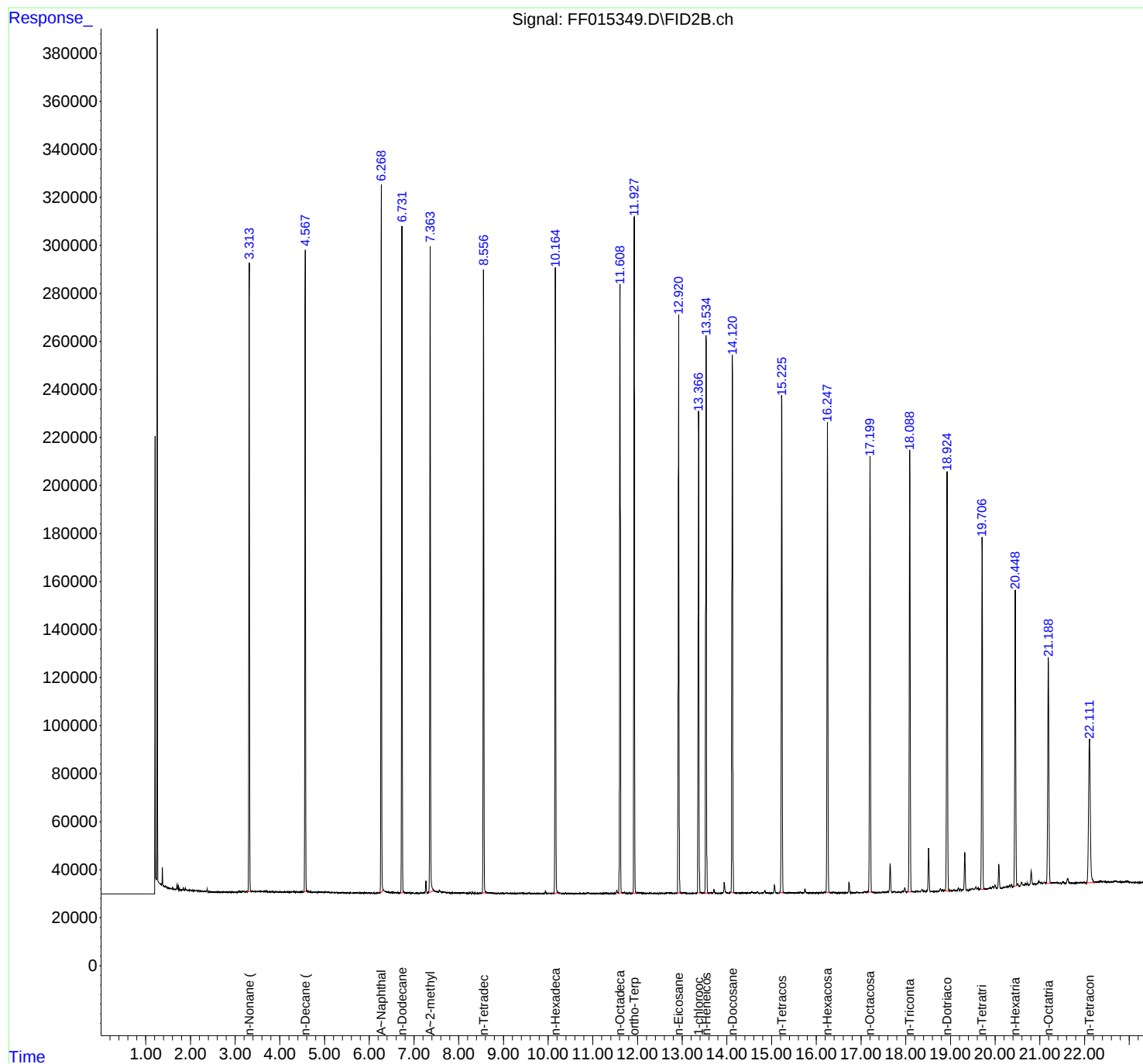
Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

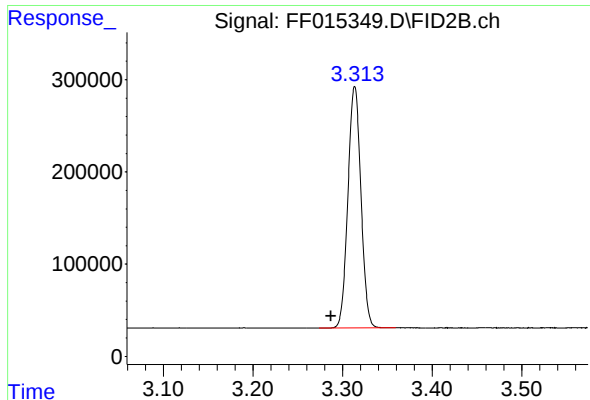
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
Quant Time: Jan 29 05:16:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:45:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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





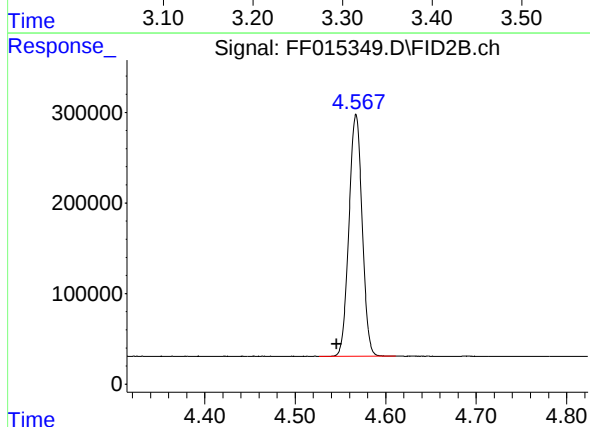
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.027 min
Response: 2643672
Conc: 20.36 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

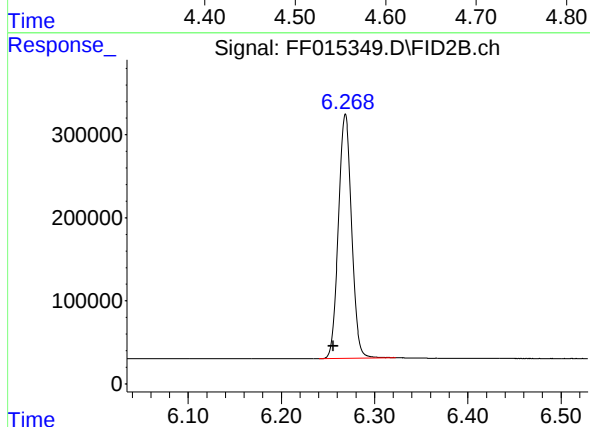
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



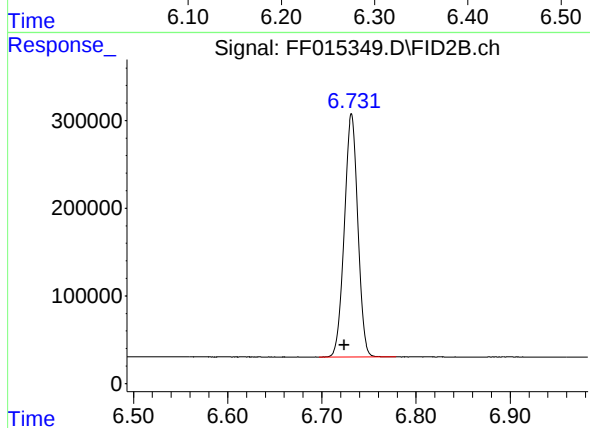
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.022 min
Response: 2701070
Conc: 20.33 ug/ml



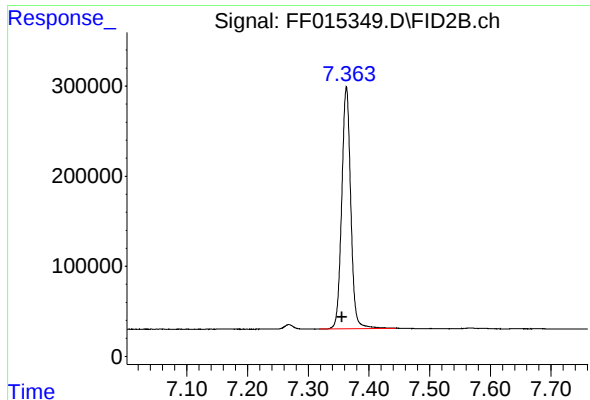
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.013 min
Response: 2889229
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.732 min
Delta R.T.: 0.008 min
Response: 2754818
Conc: 20.26 ug/ml



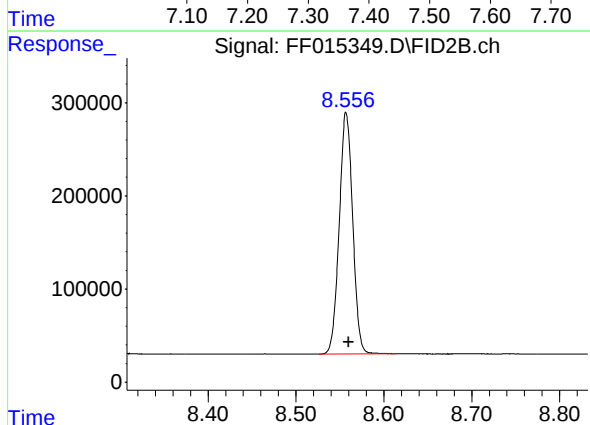
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.007 min
Response: 2774304
Conc: 19.43 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

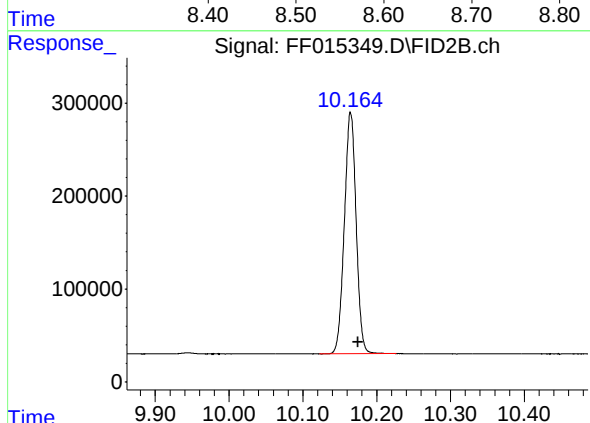
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



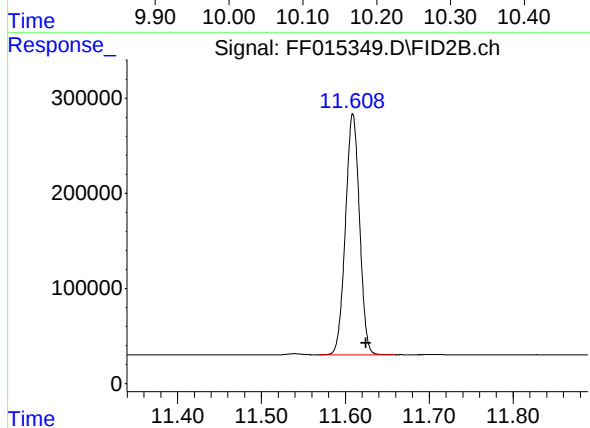
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.003 min
Response: 2758896
Conc: 20.06 ug/ml



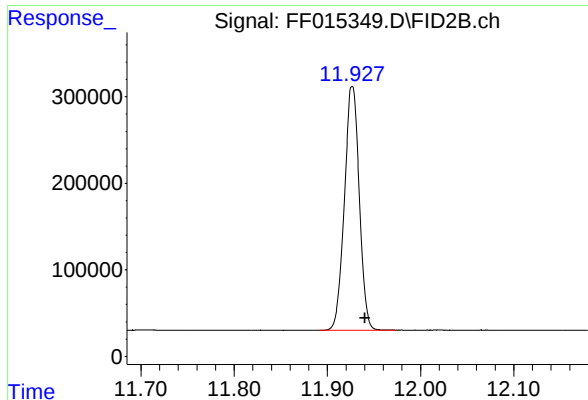
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.010 min
Response: 2886691
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.016 min
Response: 2955577
Conc: 19.89 ug/ml



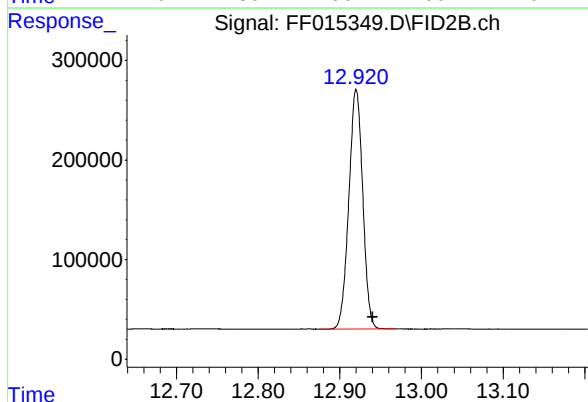
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.014 min
Response: 3123324
Conc: 19.98 ug/ml

Instrument : FID_F
ClientSampleId : 20 PPM ALIPHATIC HC STD

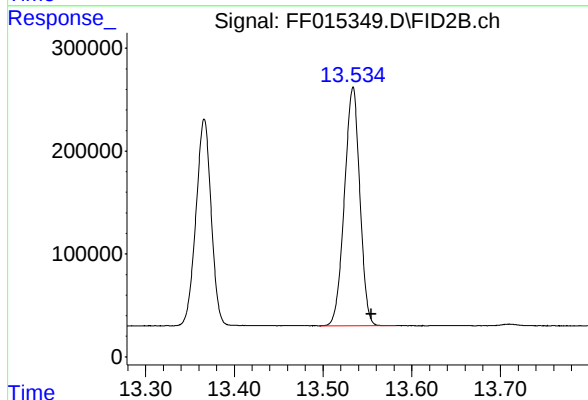
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



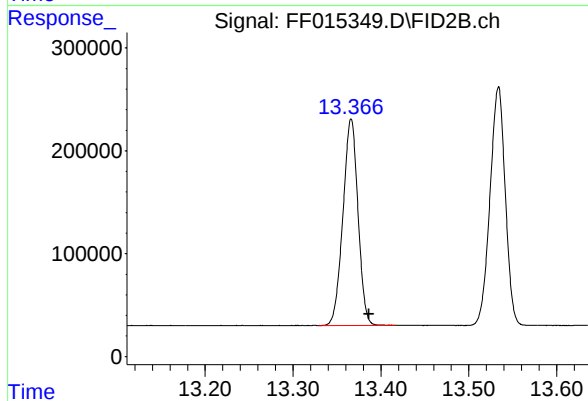
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.020 min
Response: 2849248
Conc: 19.85 ug/ml



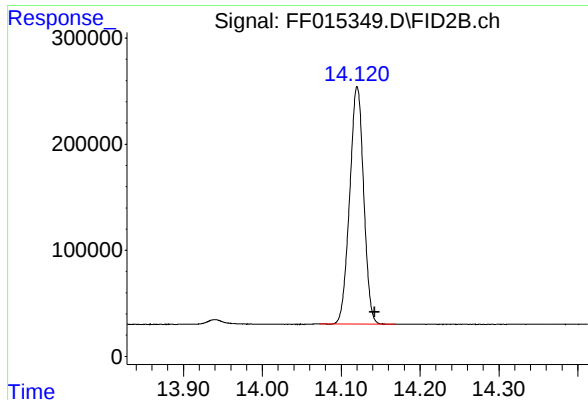
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.021 min
Response: 2798732
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.020 min
Response: 2387113
Conc: 19.60 ug/ml



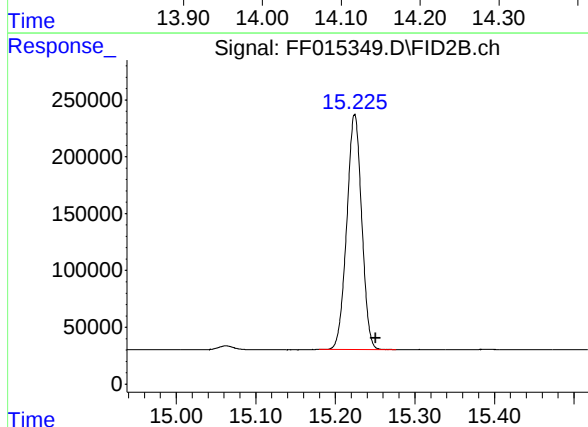
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.022 min
Response: 2760223
Conc: 19.63 ug/ml

Instrument : FID_F
ClientSampleId : 20 PPM ALIPHATIC HC STD

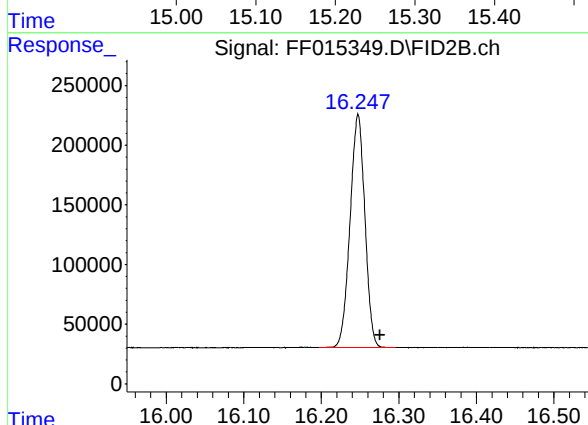
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



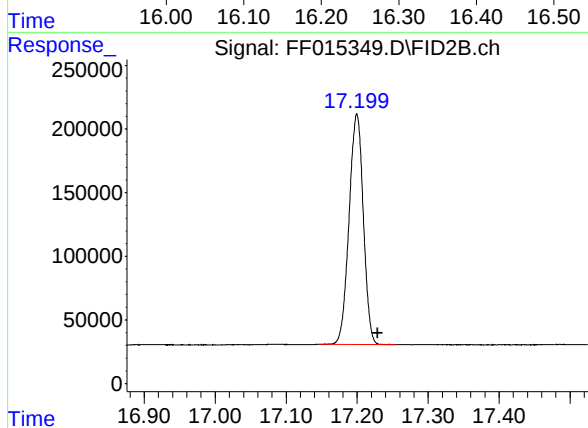
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.026 min
Response: 2702095
Conc: 19.41 ug/ml



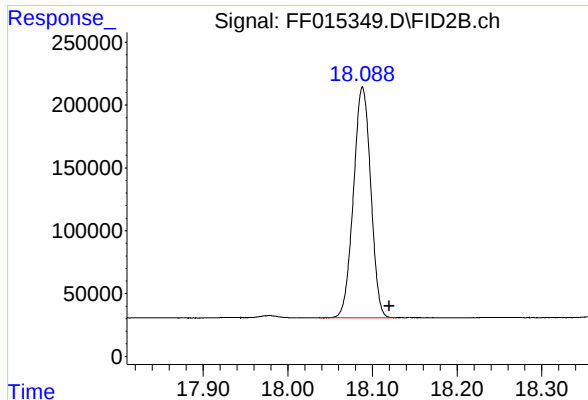
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.028 min
Response: 2594327
Conc: 19.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.029 min
Response: 2529014
Conc: 19.22 ug/ml



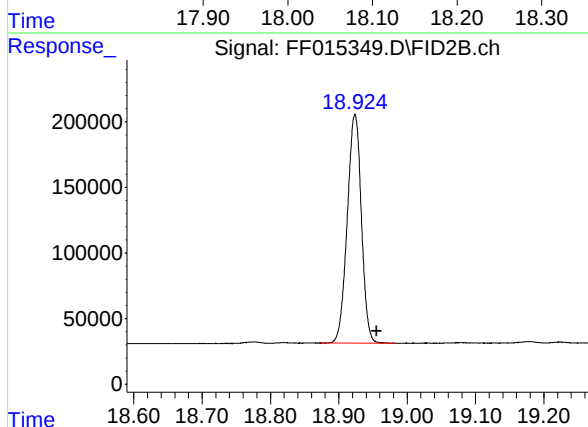
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.032 min
Response: 2602736
Conc: 19.62 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

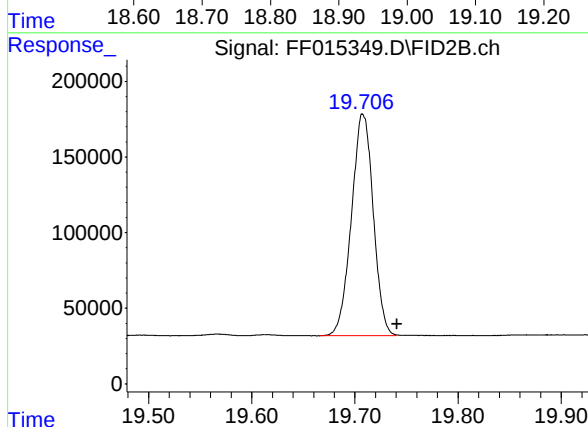
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



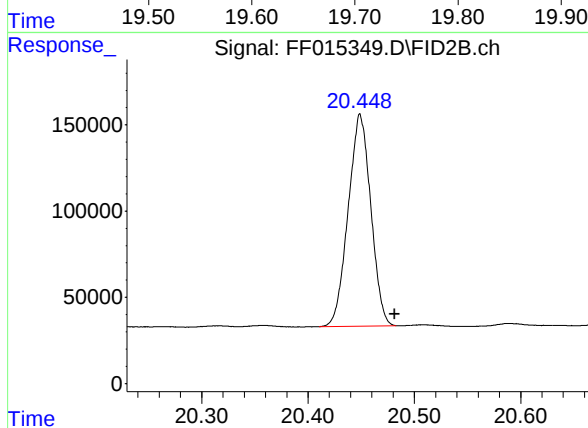
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.032 min
Response: 2506306
Conc: 19.87 ug/ml



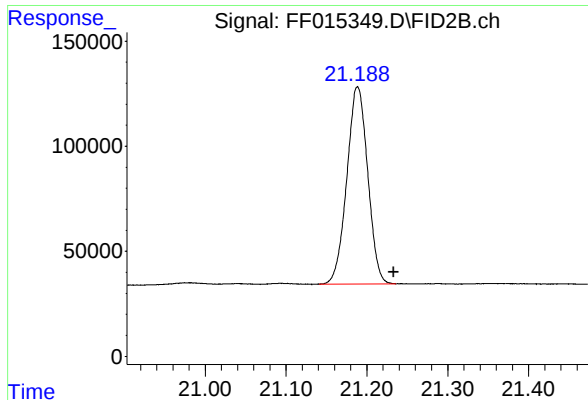
#19 n-Tetatriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.035 min
Response: 2153192
Conc: 19.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.033 min
Response: 1820567
Conc: 19.50 ug/ml m



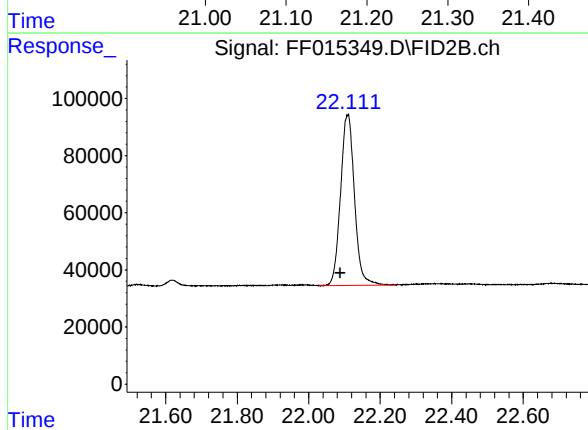
#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.045 min
Response: 1688178
Conc: 19.24 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: 0.022 min
Response: 1612826
Conc: 19.03 ug/ml