

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112524AL\
 Data File : FE051436.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2024 15:16
 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 11/26/2024
 Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e
 Quant Time: Nov 26 02:07:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.837	2990840	19.926 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	13.270	2291560	20.184 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
Target Compounds			
1) T n-Nonane (C9)	3.227	2705607	19.554 ug/ml
2) T n-Decane (C10)	4.475	2755145	19.655 ug/ml
3) T A~Naphthalene (C11.7)	6.189	2497078	18.939 ug/ml
4) T n-Dodecane (C12)	6.642	2774396	19.649 ug/ml
5) T A~2-methylnaphthalene...	7.285	2320116	18.547 ug/ml
6) T n-Tetradecane (C14)	8.469	2722263	19.534 ug/ml
7) T n-Hexadecane (C16)	10.075	2789254	19.655 ug/ml
8) T n-Octadecane (C18)	11.516	2828972	19.810 ug/ml
10) T n-Eicosane (C20)	12.824	2744811	20.056 ug/ml
11) T n-Heneicosane (C21)	13.434	2693675	20.156 ug/ml
13) T n-Docosane (C22)	14.020	2669880	20.082 ug/ml
14) T n-Tetracosane (C24)	15.121	2737227	20.634 ug/ml
15) T n-Hexacosane (C26)	16.140	2731322	20.403 ug/ml
16) T n-Octacosane (C28)	17.088	2804877	20.574 ug/ml
17) T n-Tricontane (C30)	17.975	2998195	20.636 ug/ml
18) T n-Dotriacontane (C32)	18.807	2997569	20.188 ug/ml
19) T n-Tetratriacontane (C34)	19.592	2596014	19.321 ug/ml
20) T n-Hexatriacontane (C36)	20.331	2343284	19.639 ug/ml
21) T n-Octatriacontane (C38)	21.051	2036968	17.897 ug/ml
22) T n-Tetracontane (C40)	21.927	1968576	17.700 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112524AL\
Data File : FE051436.D
Signal(s) : FID1B.ch
Acq On : 25 Nov 2024 15:16
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

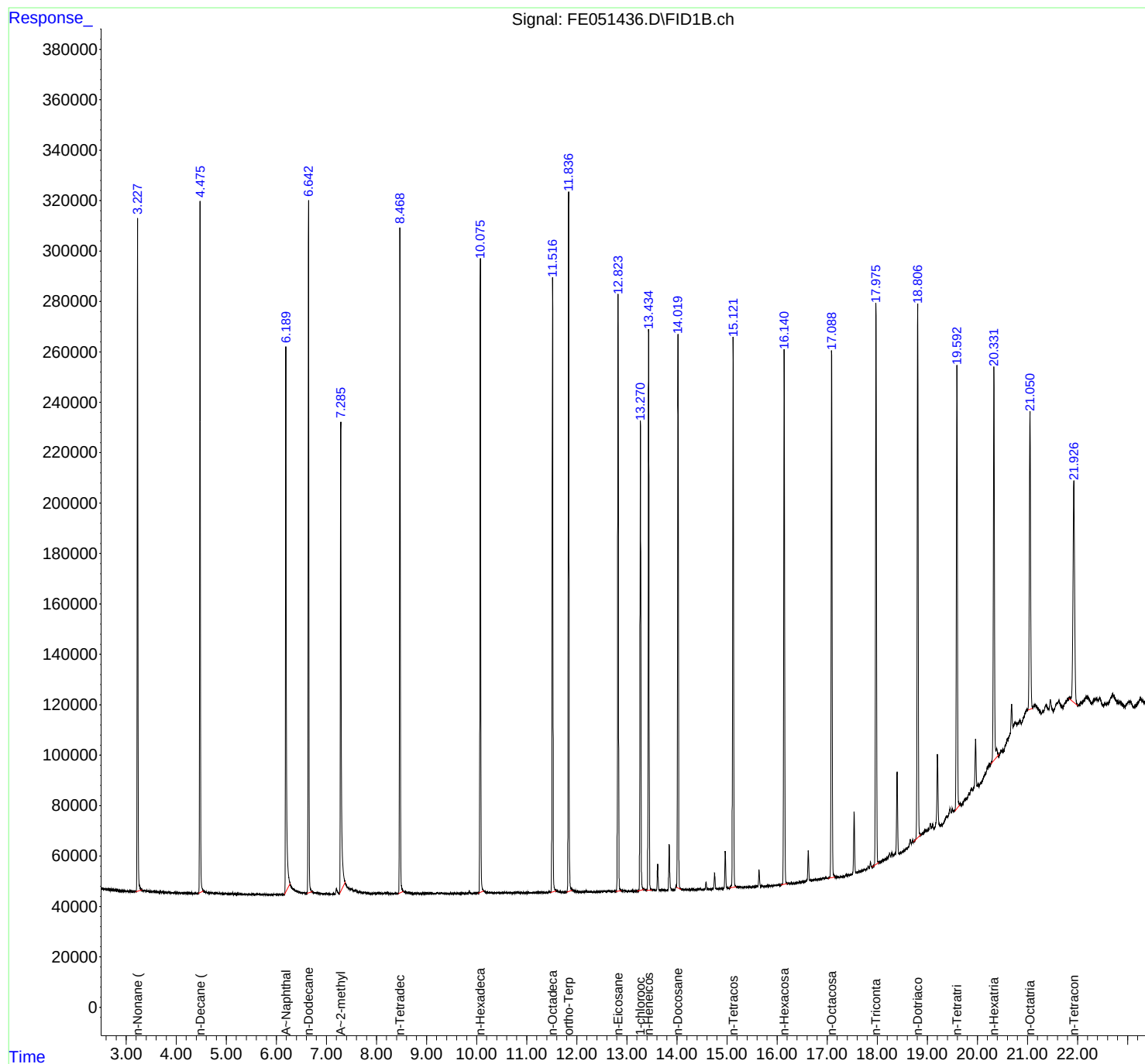
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

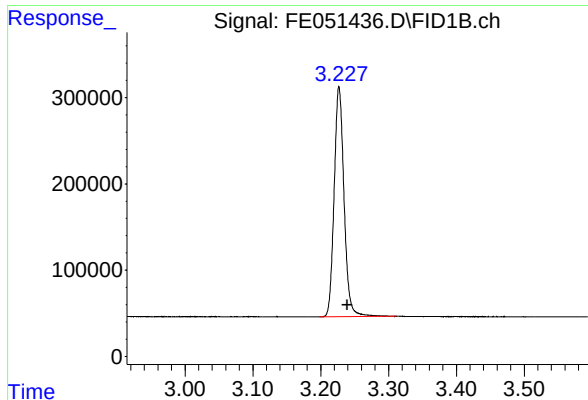
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e
Quant Time: Nov 26 02:07:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.
Quant Title : GC Extractables
QLast Update : Thu Nov 07 04:56:04 2024
Response via : Initial Calibration
Integrator: ChemStation

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





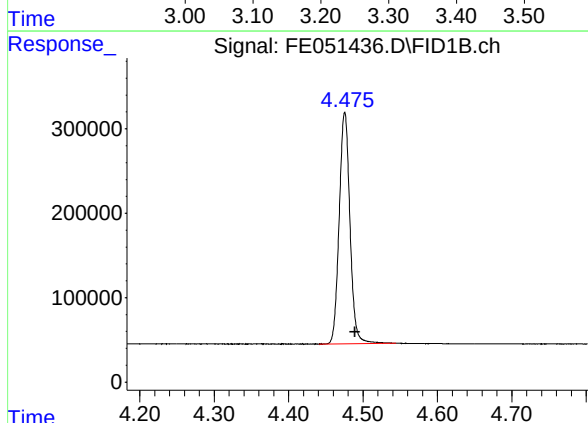
#1 n-Nonane (C9)

R.T.: 3.227 min
Delta R.T.: -0.012 min
Response: 2705607
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

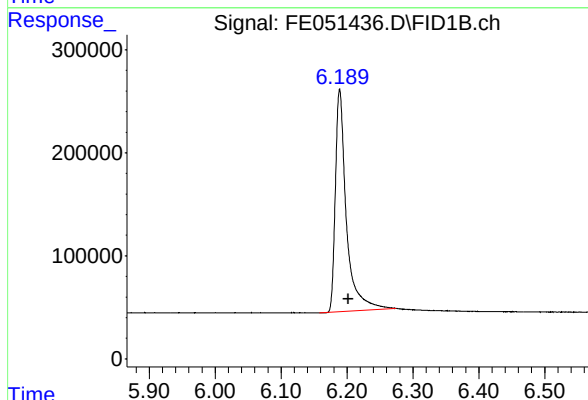
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



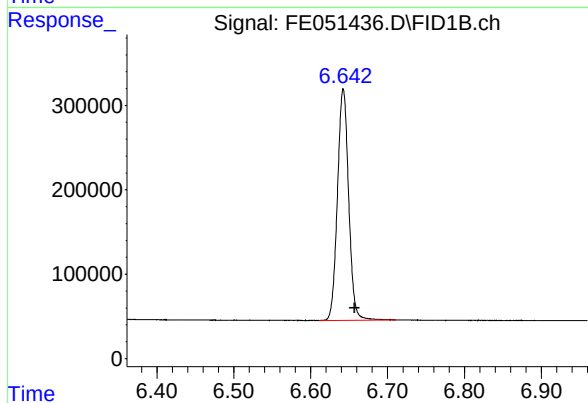
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.014 min
Response: 2755145
Conc: 19.65 ug/ml



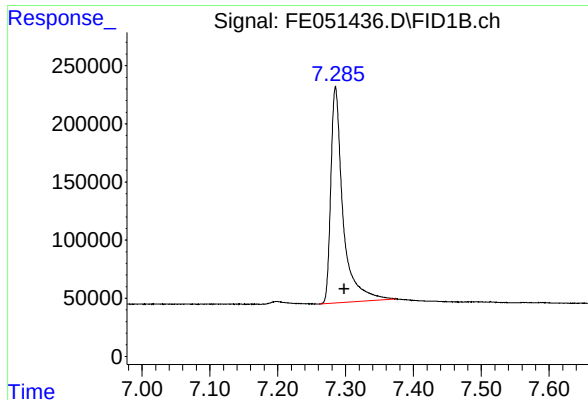
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.013 min
Response: 2497078
Conc: 18.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.642 min
Delta R.T.: -0.015 min
Response: 2774396
Conc: 19.65 ug/ml



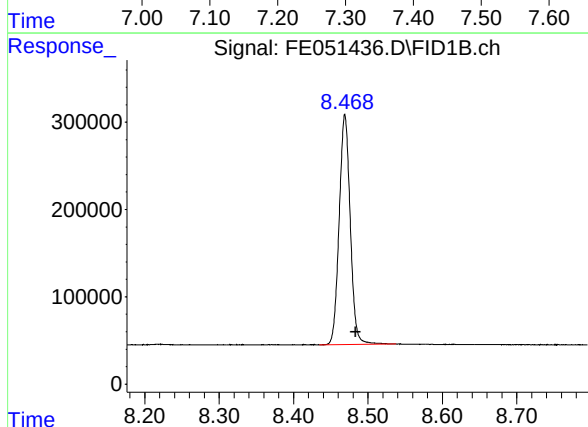
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.285 min
Delta R.T.: -0.013 min
Response: 2320116
Conc: 18.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

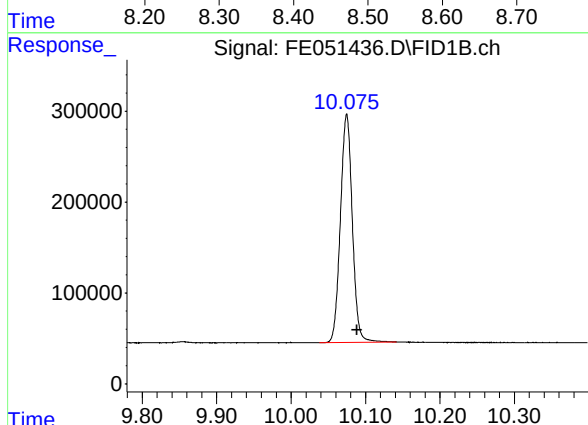
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



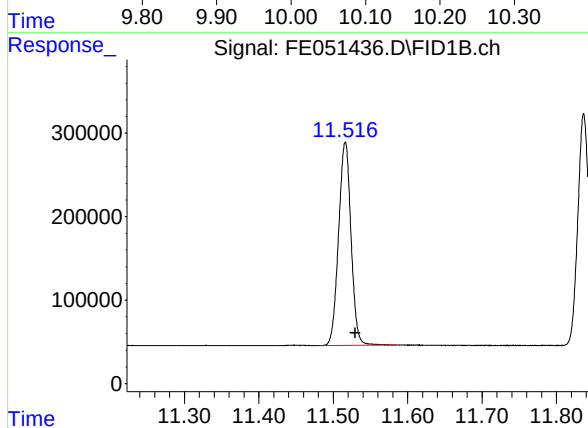
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.014 min
Response: 2722263
Conc: 19.53 ug/ml



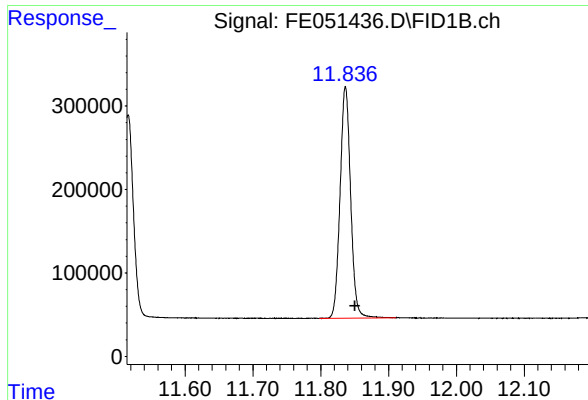
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.014 min
Response: 2789254
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.014 min
Response: 2828972
Conc: 19.81 ug/ml



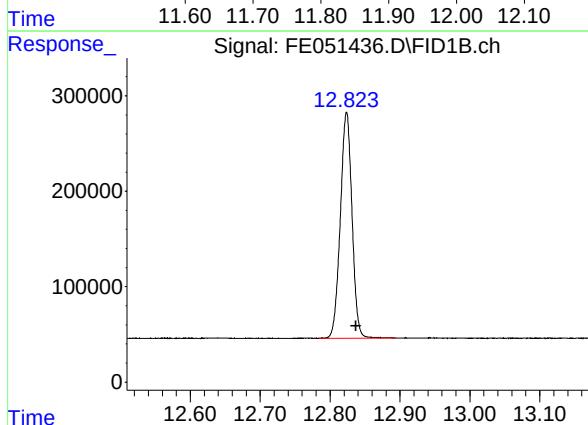
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.014 min
Response: 2990840
Conc: 19.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

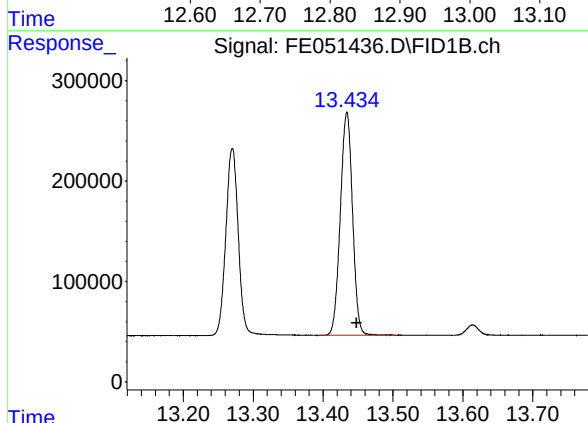
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



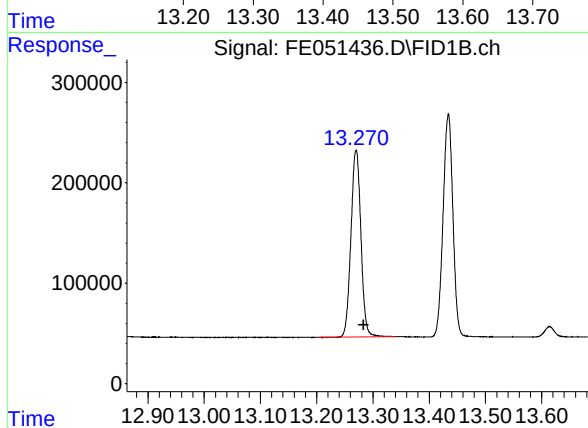
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.013 min
Response: 2744811
Conc: 20.06 ug/ml



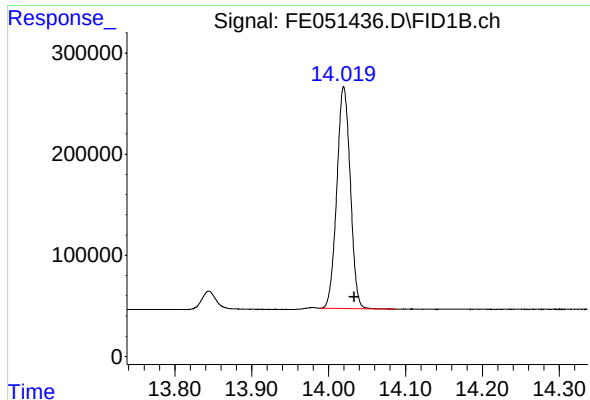
#11 n-Heneicosane (C21)

R.T.: 13.434 min
Delta R.T.: -0.014 min
Response: 2693675
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.013 min
Response: 2291560
Conc: 20.18 ug/ml



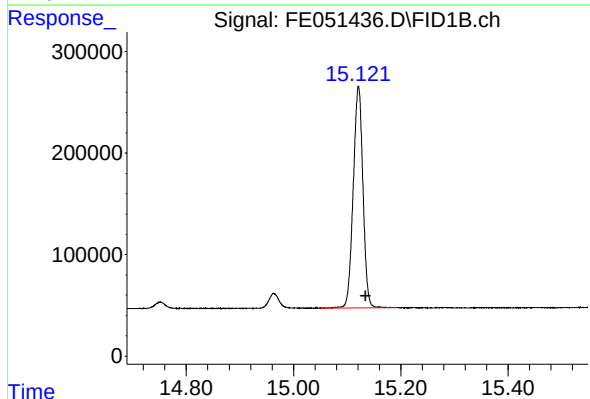
#13 n-Docosane (C22)

R.T.: 14.020 min
Delta R.T.: -0.014 min
Response: 2669880
Conc: 20.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

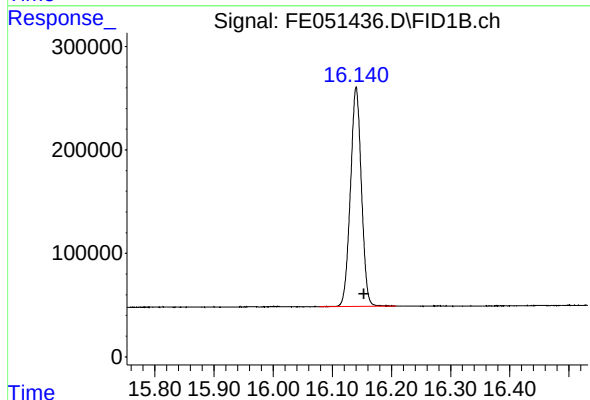
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



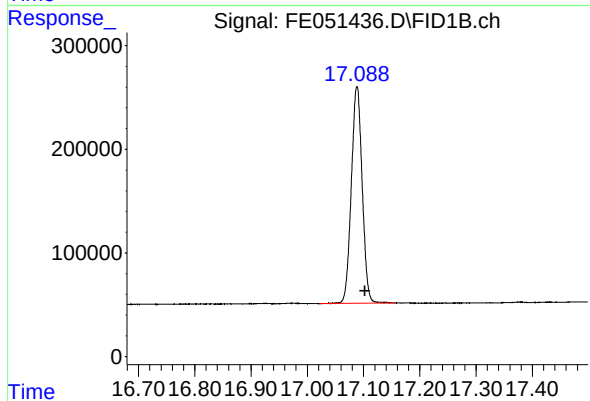
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: -0.013 min
Response: 2737227
Conc: 20.63 ug/ml



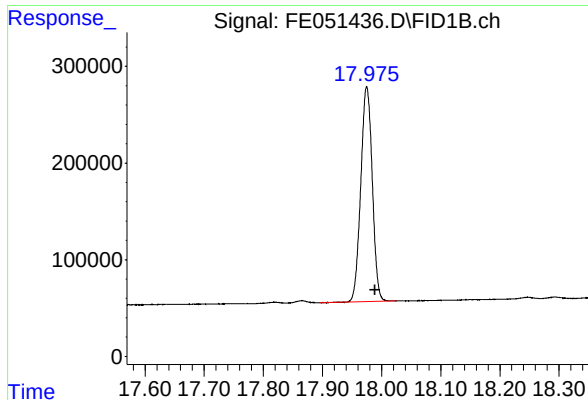
#15 n-Hexacosane (C26)

R.T.: 16.140 min
Delta R.T.: -0.013 min
Response: 2731322
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.088 min
Delta R.T.: -0.014 min
Response: 2804877
Conc: 20.57 ug/ml



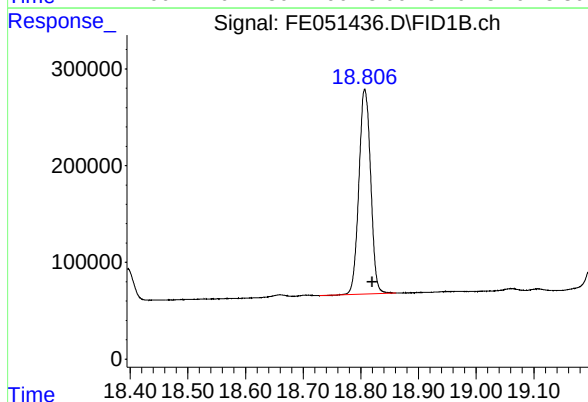
#17 n-Tricontane (C30)

R.T.: 17.975 min
Delta R.T.: -0.014 min
Response: 2998195
Conc: 20.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

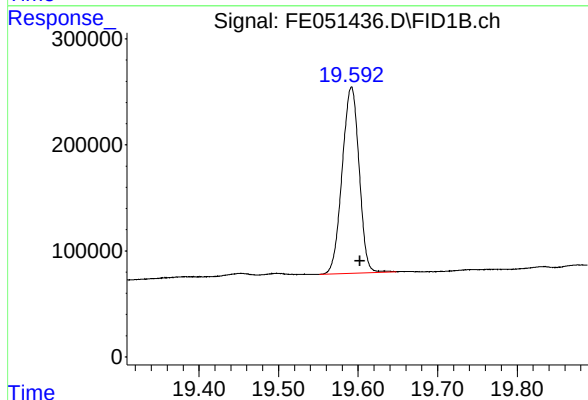
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



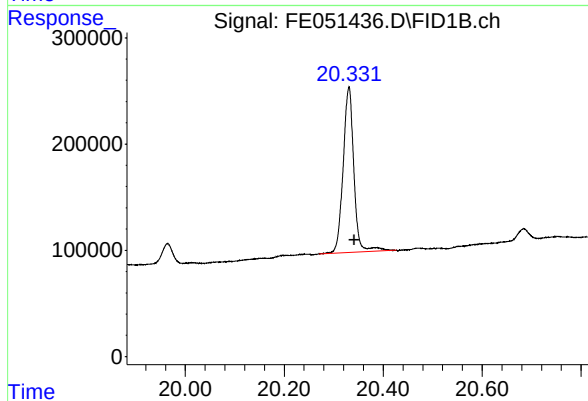
#18 n-Dotriacontane (C32)

R.T.: 18.807 min
Delta R.T.: -0.013 min
Response: 2997569
Conc: 20.19 ug/ml



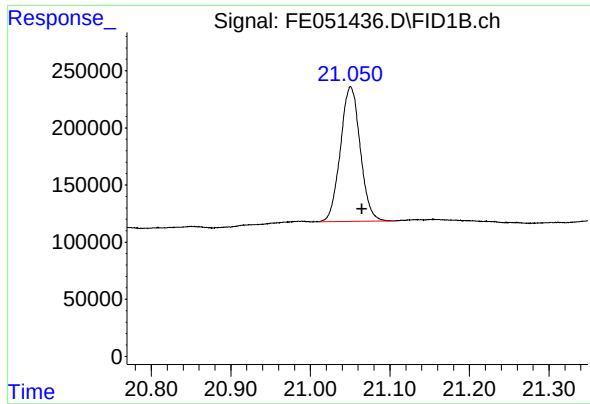
#19 n-Tetratriacontane (C34)

R.T.: 19.592 min
Delta R.T.: -0.011 min
Response: 2596014
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.331 min
Delta R.T.: -0.011 min
Response: 2343284
Conc: 19.64 ug/ml m



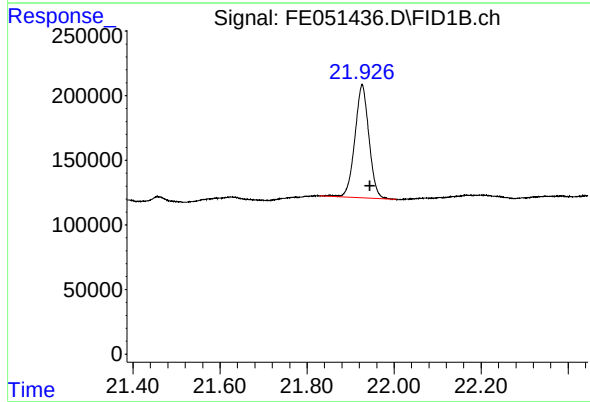
#21 n-Octatriacontane (C38)

R.T.: 21.051 min
Delta R.T.: -0.014 min
Response: 2036968
Conc: 17.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.018 min
Response: 1968576
Conc: 17.70 ug/ml