

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041123AL\
 Data File : FE041299.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2023 08:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2023
 Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e
 Quant Time: Apr 11 15:15:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.835	3259974	17.346 ug/ml
Spiked Amount 50.000		Recovery =	34.69%
12) S 1-chlorooctadecane (S...	13.274	2482933	17.257 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	3.236	2970731	17.121 ug/ml
2) T n-Decane (C10)	4.483	2909285	17.092 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3135122	17.140 ug/ml
4) T n-Dodecane (C12)	6.647	2980885	17.185 ug/ml
5) T A~2-methylnaphthalene...	7.282	2898367	17.501 ug/ml
6) T n-Tetradecane (C14)	8.473	3006385	17.242 ug/ml
7) T n-Hexadecane (C16)	10.079	3067472	17.247 ug/ml
8) T n-Octadecane (C18)	11.521	3096939	17.345 ug/ml
10) T n-Eicosane (C20)	12.829	2981819	17.481 ug/ml
11) T n-Heneicosane (C21)	13.441	2962399	17.510 ug/ml
13) T n-Docosane (C22)	14.027	2907441	17.569 ug/ml
14) T n-Tetracosane (C24)	15.131	2836375	17.532 ug/ml
15) T n-Hexacosane (C26)	16.152	2748940	17.733 ug/ml
16) T n-Octacosane (C28)	17.103	2691915	17.573 ug/ml
17) T n-Tricontane (C30)	17.991	2664767	17.433 ug/ml
18) T n-Dotriacontane (C32)	18.825	2693306	17.251 ug/mlm
19) T n-Tetratriacontane (C34)	19.610	2710608	17.491 ug/mlm
20) T n-Hexatriacontane (C36)	20.353	2700812	17.780 ug/ml
21) T n-Octatriacontane (C38)	21.074	2762207	17.682 ug/mlm
22) T n-Tetracontane (C40)	21.951	2859049	17.913 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041123AL\
Data File : FE041299.D
Signal(s) : FID1B.ch
Acq On : 11 Apr 2023 08:47
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

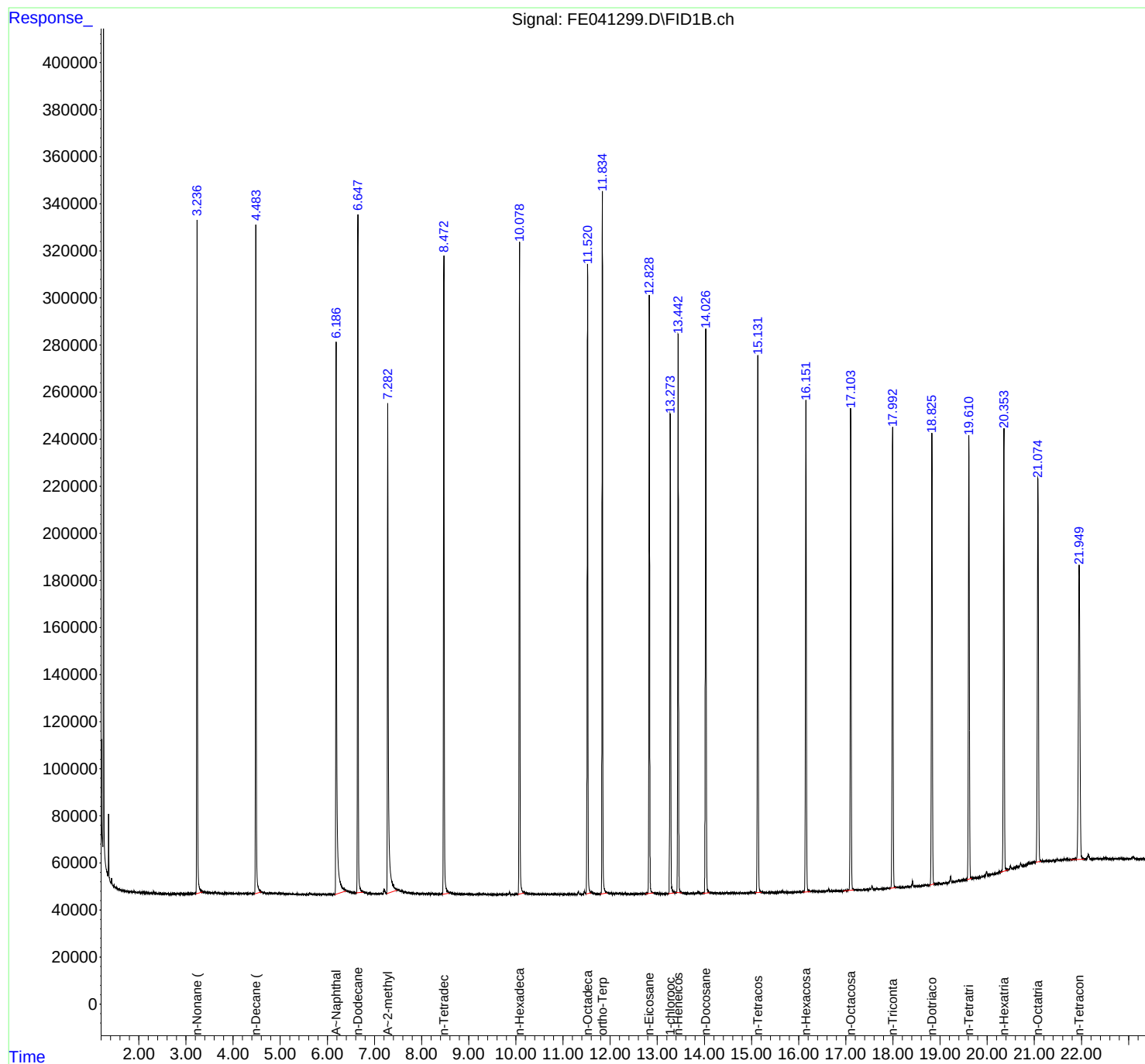
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

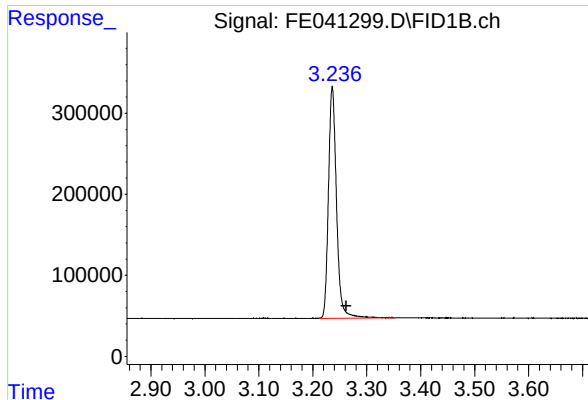
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e
Quant Time: Apr 11 15:15:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:32:15 2023
Response via : Initial Calibration
Integrator: ChemStation

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





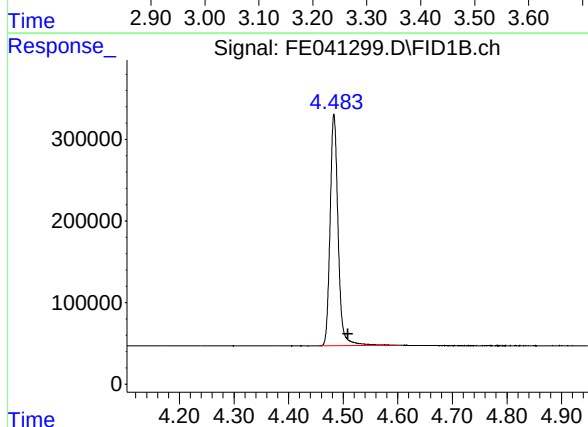
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.026 min
Response: 2970731
Conc: 17.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

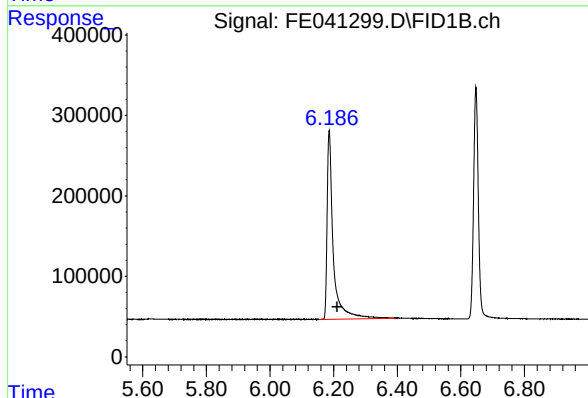
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



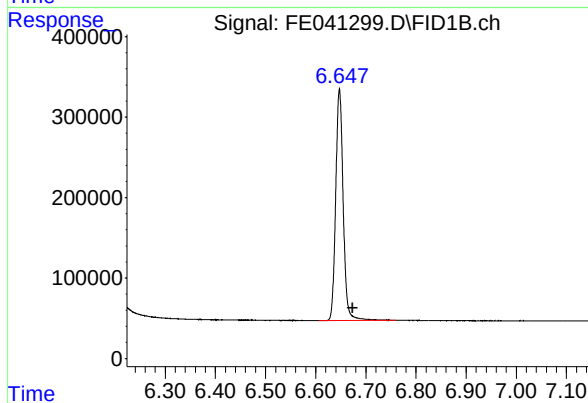
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.026 min
Response: 2909285
Conc: 17.09 ug/ml



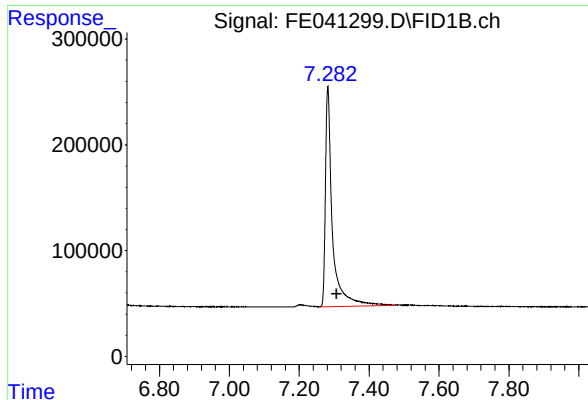
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.026 min
Response: 3135122
Conc: 17.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.026 min
Response: 2980885
Conc: 17.18 ug/ml



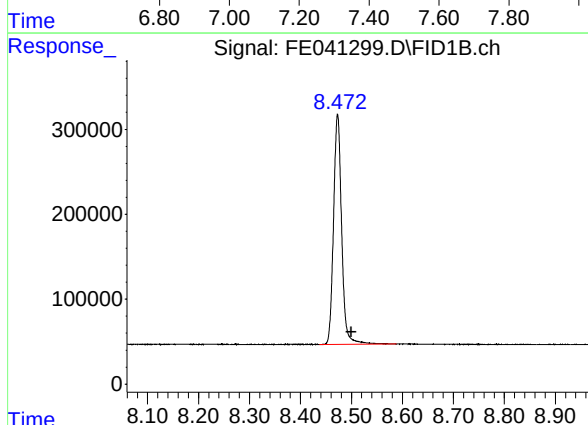
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: -0.025 min
Response: 2898367
Conc: 17.50 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

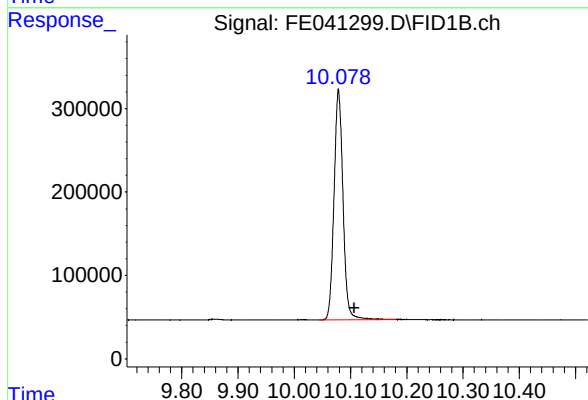
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



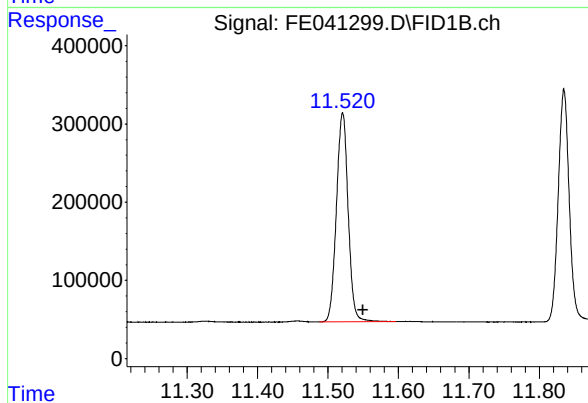
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.027 min
Response: 3006385
Conc: 17.24 ug/ml



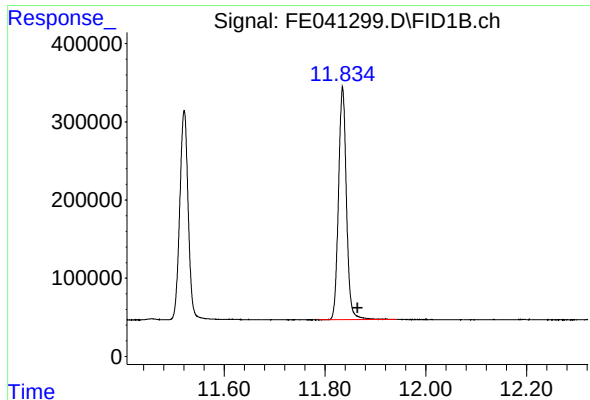
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.028 min
Response: 3067472
Conc: 17.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.028 min
Response: 3096939
Conc: 17.34 ug/ml



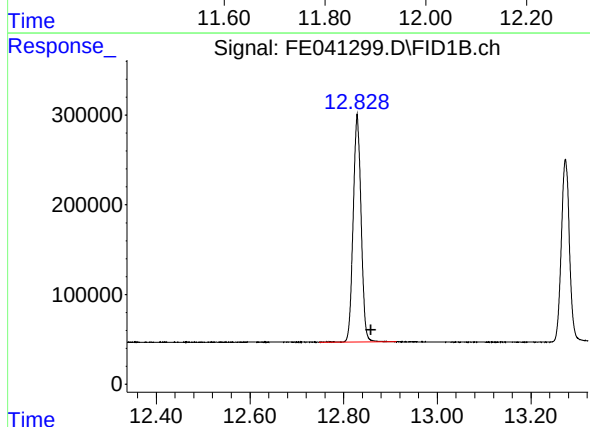
#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: -0.030 min
Response: 3259974
Conc: 17.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

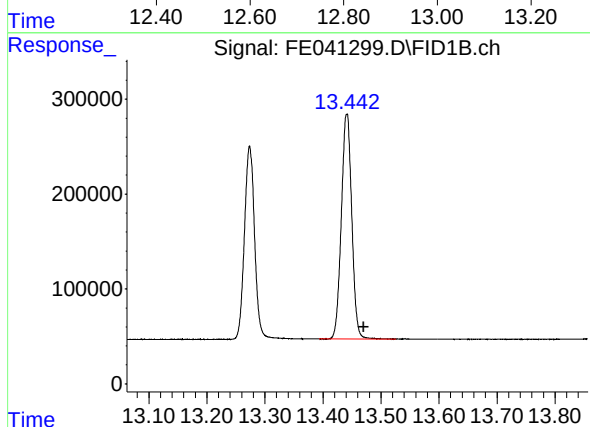
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



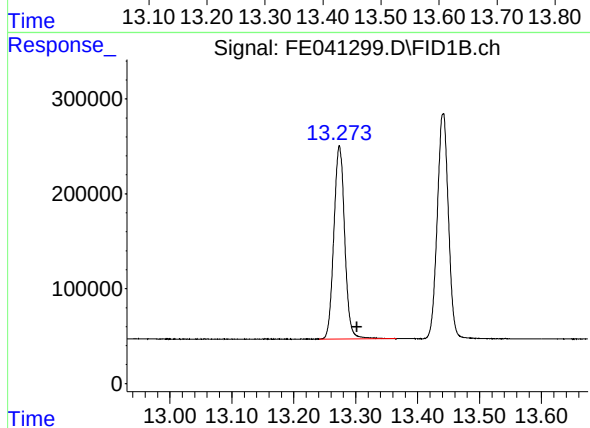
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.030 min
Response: 2981819
Conc: 17.48 ug/ml



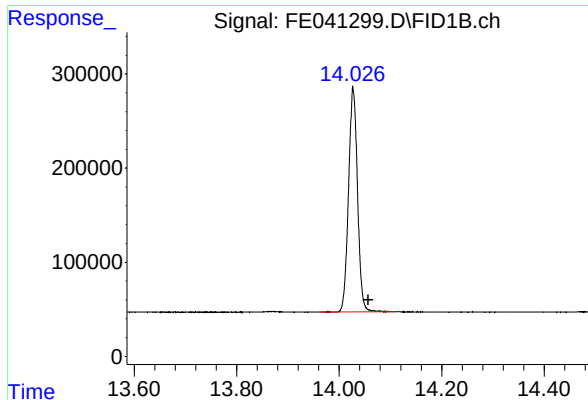
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.029 min
Response: 2962399
Conc: 17.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.028 min
Response: 2482933
Conc: 17.26 ug/ml



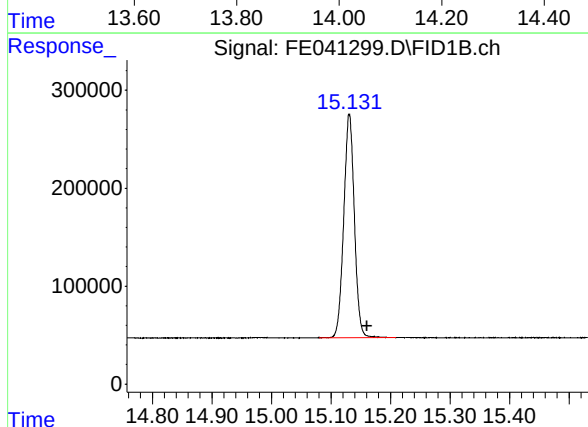
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.030 min
Response: 2907441
Conc: 17.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

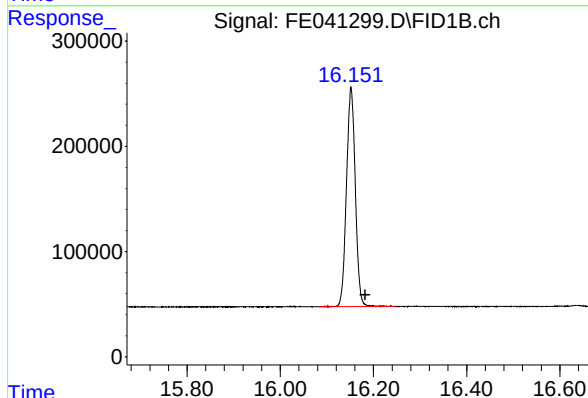
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



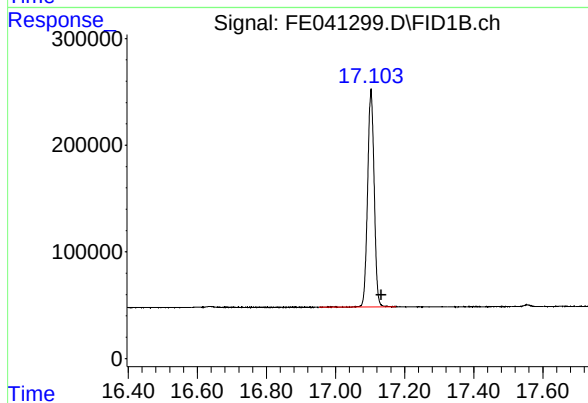
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.030 min
Response: 2836375
Conc: 17.53 ug/ml



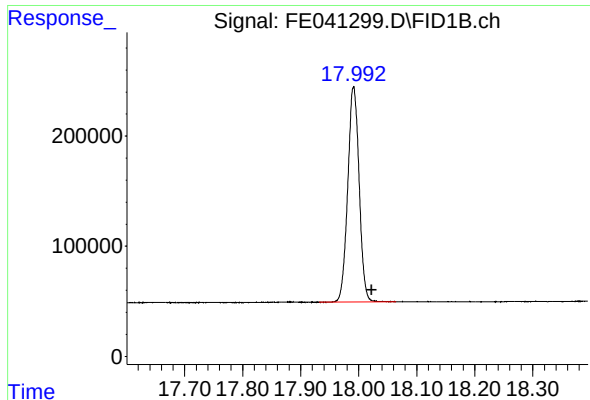
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.030 min
Response: 2748940
Conc: 17.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.030 min
Response: 2691915
Conc: 17.57 ug/ml



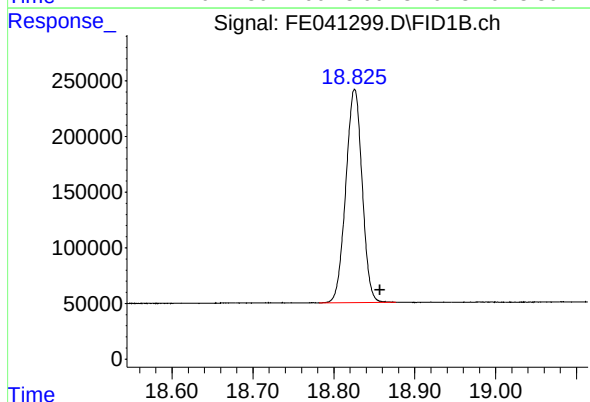
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.031 min
Response: 2664767
Conc: 17.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

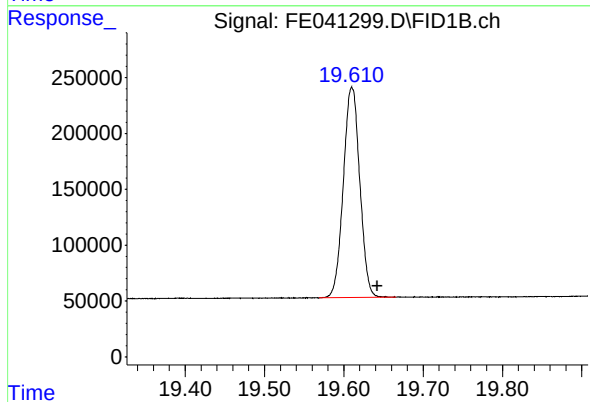
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



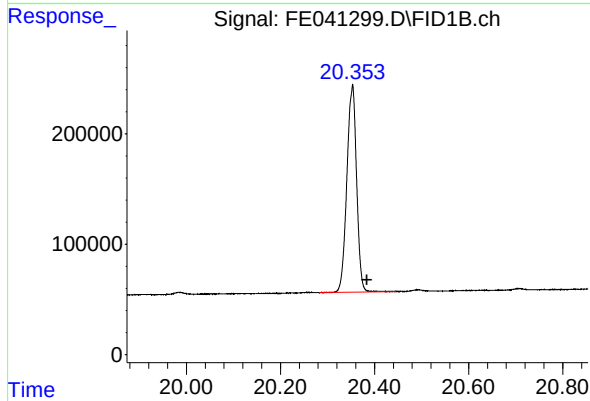
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.031 min
Response: 2693306
Conc: 17.25 ug/ml m



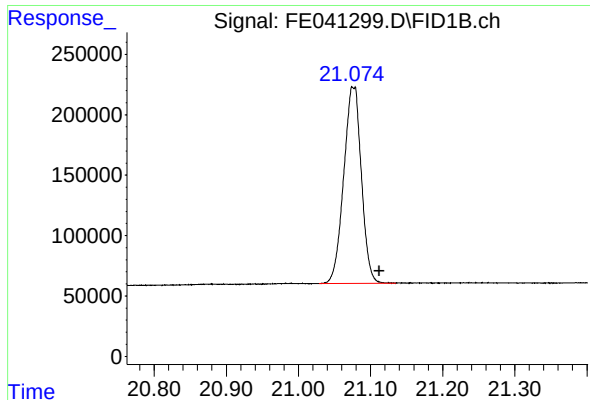
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.033 min
Response: 2710608
Conc: 17.49 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.031 min
Response: 2700812
Conc: 17.78 ug/ml



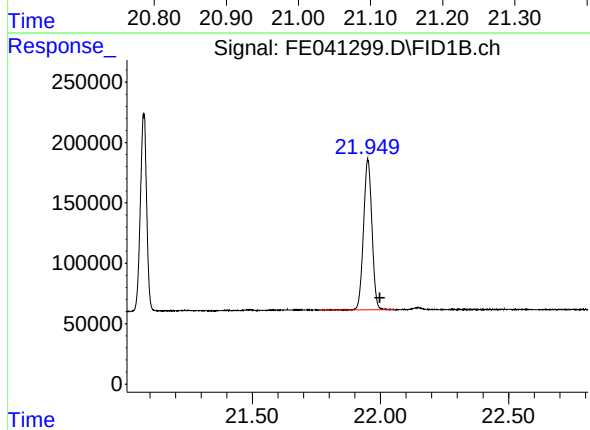
#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.038 min
Response: 2762207
Conc: 17.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.047 min
Response: 2859049
Conc: 17.91 ug/ml