

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112124AL\
 Data File : FE051376.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2024 05:25
 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 11/22/2024
 Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e
 Quant Time: Nov 22 03:44:04 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)	11.842	3272240	21.801 ug/ml
Spiked Amount 50.000		Recovery =	43.60%
12) S 1-chlorooctadecane (S...	13.275	2537809	22.353 ug/ml
Spiked Amount 50.000		Recovery =	44.71%
Target Compounds			
1) T n-Nonane (C9)	3.233	2968035	21.450 ug/ml
2) T n-Decane (C10)	4.480	3027122	21.595 ug/ml
3) T A~Naphthalene (C11.7)	6.193	2794830	21.197 ug/ml
4) T n-Dodecane (C12)	6.646	3044690	21.563 ug/ml
5) T A~2-methylnaphthalene...	7.289	2817931	22.526 ug/mlm
6) T n-Tetradecane (C14)	8.473	3001310	21.536 ug/ml
7) T n-Hexadecane (C16)	10.079	3075750	21.674 ug/ml
8) T n-Octadecane (C18)	11.521	3121595	21.859 ug/ml
10) T n-Eicosane (C20)	12.828	3013411	22.019 ug/ml
11) T n-Heneicosane (C21)	13.440	2954386	22.106 ug/ml
13) T n-Docosane (C22)	14.025	2927782	22.022 ug/ml
14) T n-Tetracosane (C24)	15.126	2903611	21.888 ug/ml
15) T n-Hexacosane (C26)	16.146	2827567	21.122 ug/ml
16) T n-Octacosane (C28)	17.095	2737290	20.079 ug/ml
17) T n-Tricontane (C30)	17.981	2709782	18.651 ug/ml
18) T n-Dotriacontane (C32)	18.813	2625260	17.681 ug/ml
19) T n-Tetratriacontane (C34)	19.595	2333766	17.369 ug/ml
20) T n-Hexatriacontane (C36)	20.335	2091461	17.528 ug/ml
21) T n-Octatriacontane (C38)	21.058	1948287	17.118 ug/ml
22) T n-Tetracontane (C40)	21.938	1904746	17.126 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112124AL\
Data File : FE051376.D
Signal(s) : FID1B.ch
Acq On : 21 Nov 2024 05:25
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

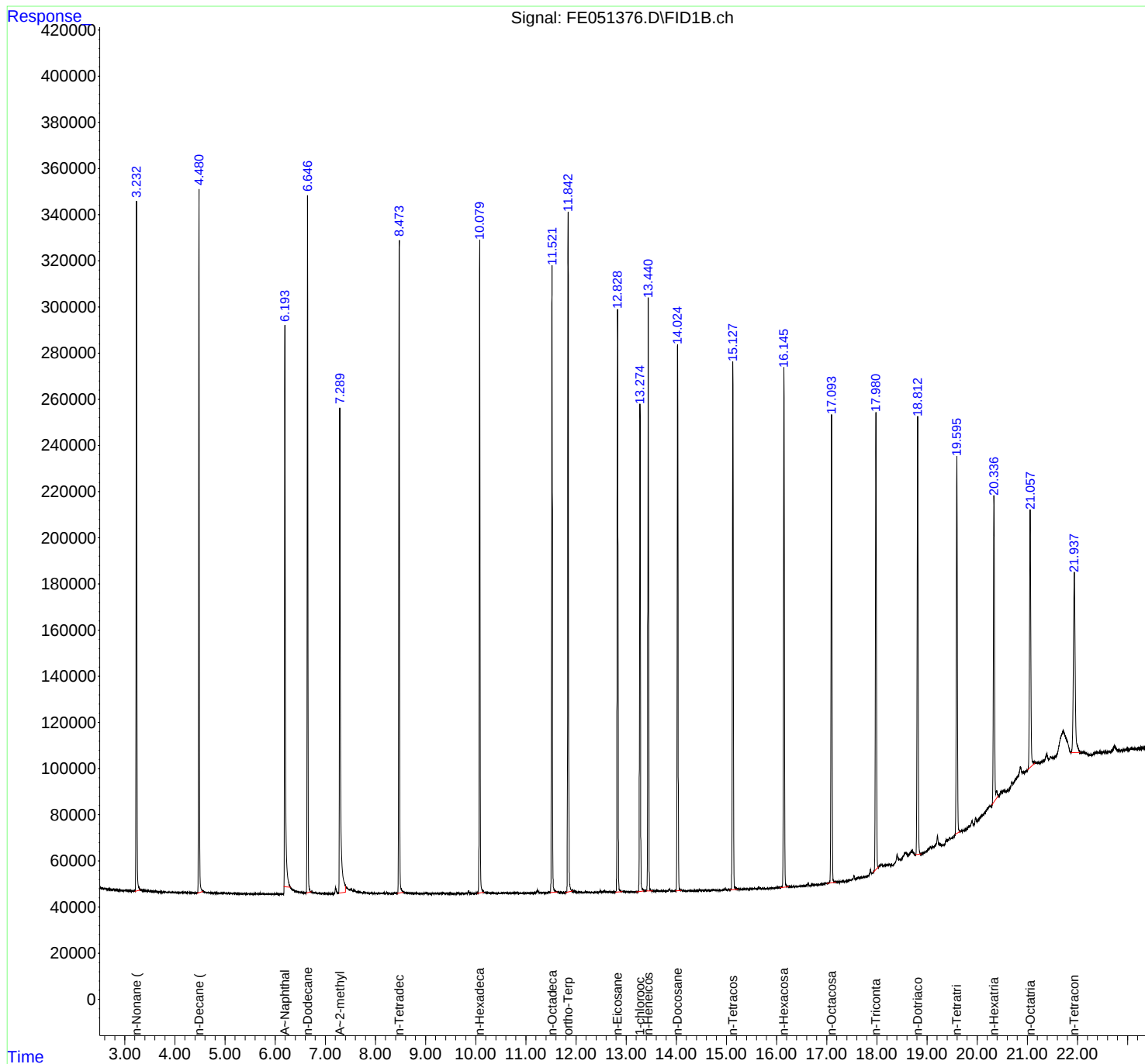
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

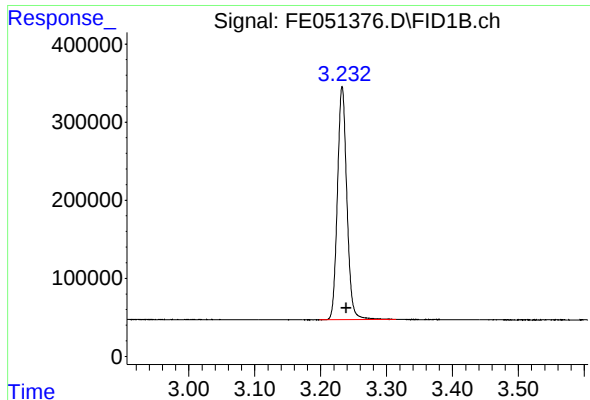
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e
Quant Time: Nov 22 03:44:04 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





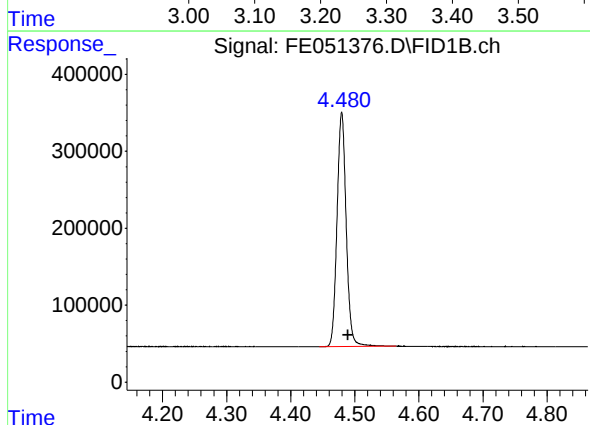
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.006 min
Response: 2968035
Conc: 21.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

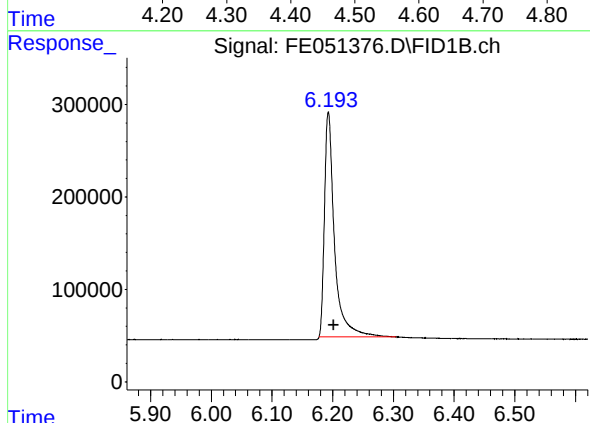
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :Ankita Jodhani 11/22/2024



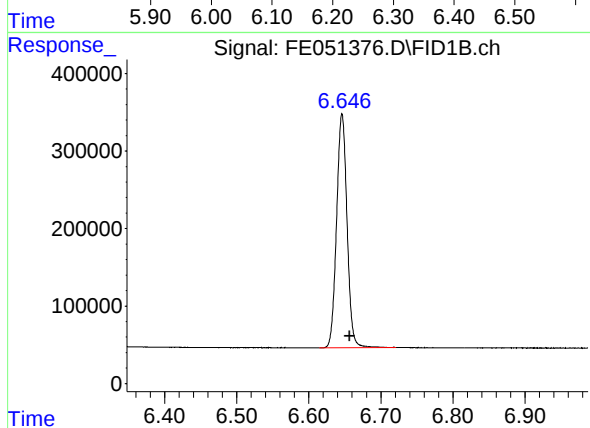
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.010 min
Response: 3027122
Conc: 21.59 ug/ml



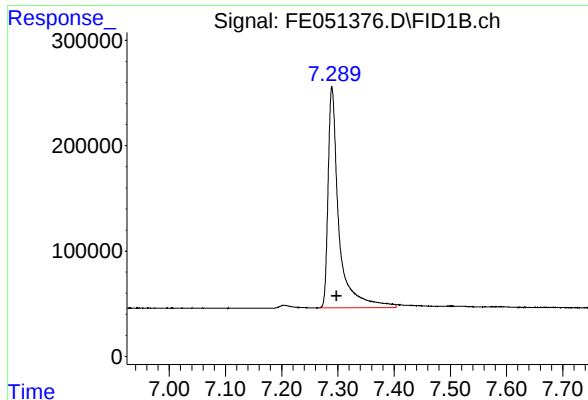
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: -0.009 min
Response: 2794830
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.011 min
Response: 3044690
Conc: 21.56 ug/ml



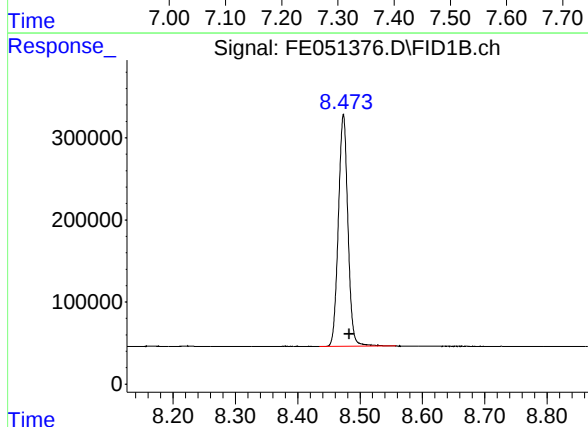
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.289 min
Delta R.T.: -0.009 min
Response: 2817931
Conc: 22.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

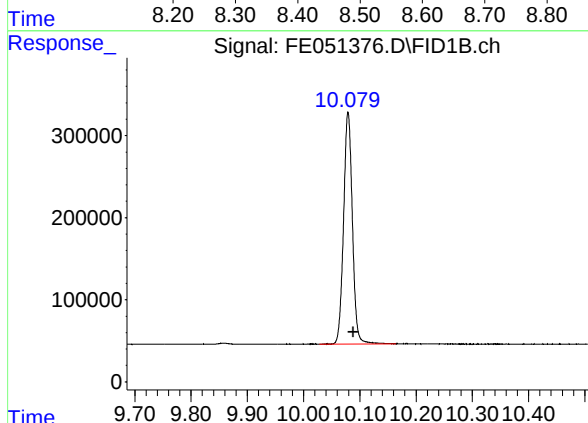
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :Ankita Jodhani 11/22/2024



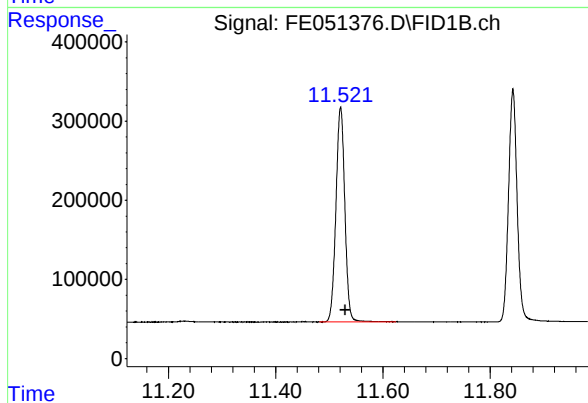
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.010 min
Response: 3001310
Conc: 21.54 ug/ml



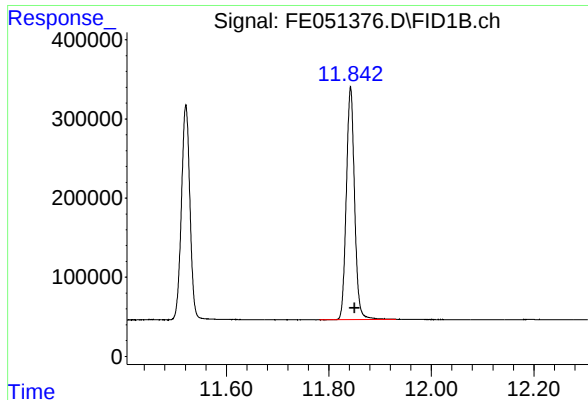
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.009 min
Response: 3075750
Conc: 21.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.009 min
Response: 3121595
Conc: 21.86 ug/ml



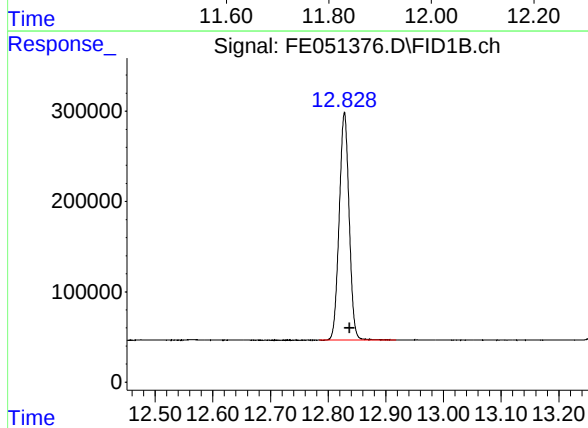
#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.008 min
Response: 3272240
Conc: 21.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

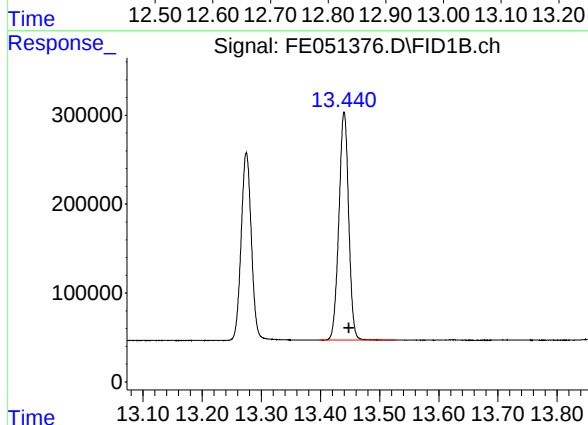
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :Ankita Jodhani 11/22/2024



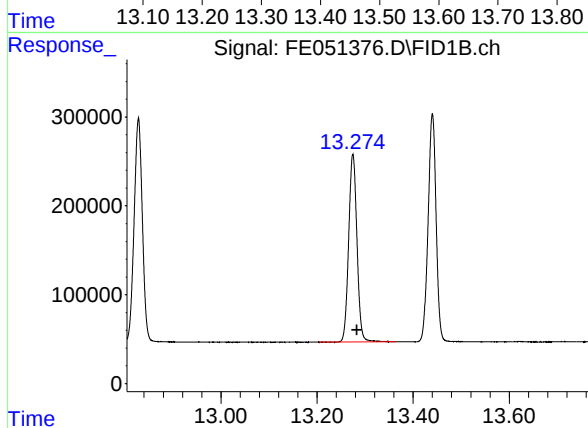
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.009 min
Response: 3013411
Conc: 22.02 ug/ml



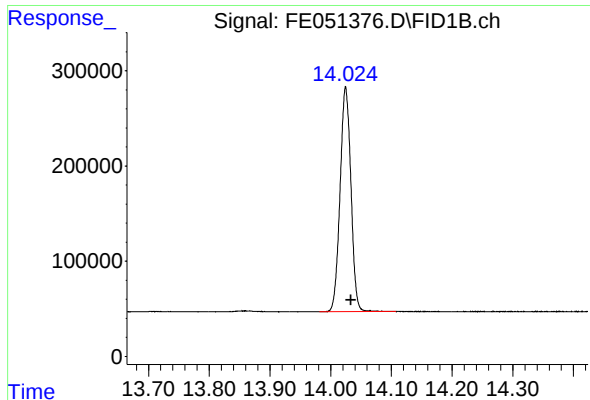
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.008 min
Response: 2954386
Conc: 22.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.008 min
Response: 2537809
Conc: 22.35 ug/ml



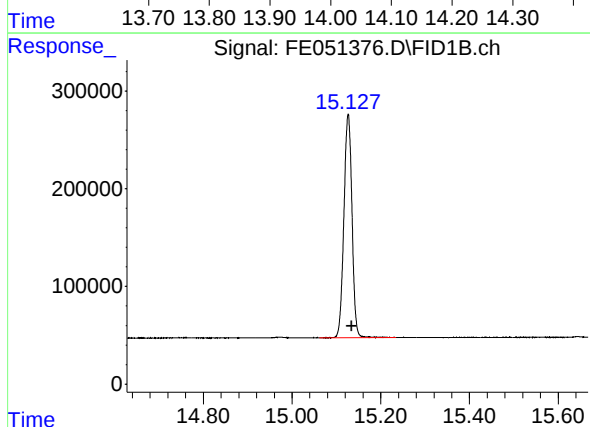
#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.009 min
Response: 2927782
Conc: 22.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

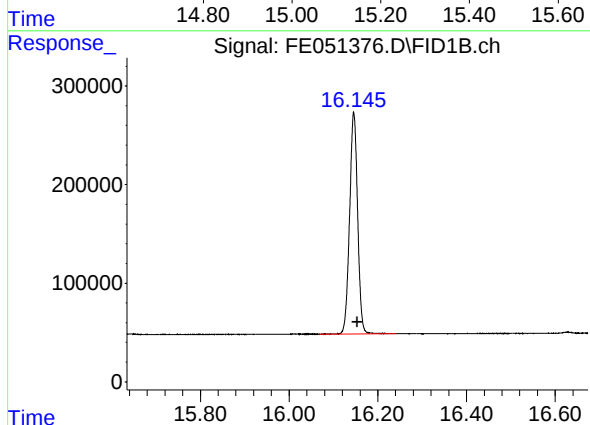
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :Ankita Jodhani 11/22/2024



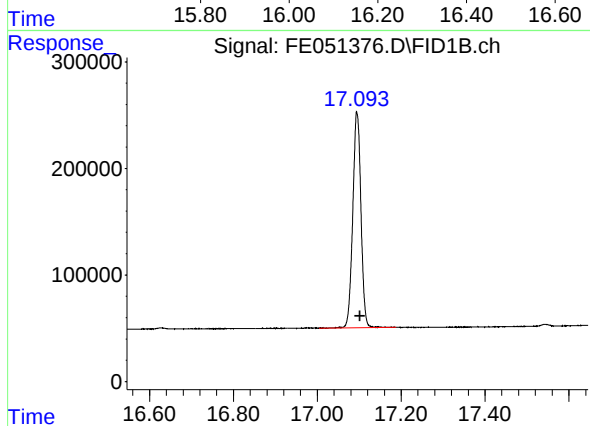
#14 n-Tetracosane (C24)

R.T.: 15.126 min
Delta R.T.: -0.008 min
Response: 2903611
Conc: 21.89 ug/ml



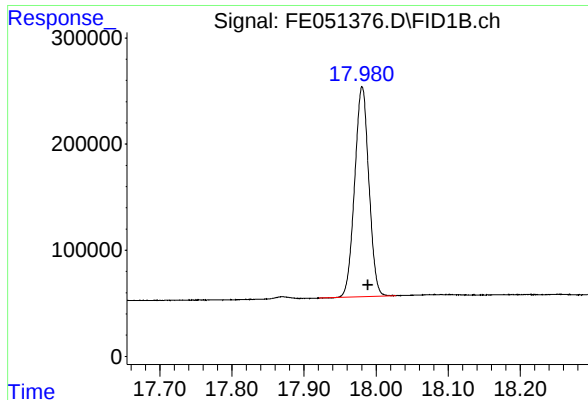
#15 n-Hexacosane (C26)

R.T.: 16.146 min
Delta R.T.: -0.008 min
Response: 2827567
Conc: 21.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: -0.007 min
Response: 2737290
Conc: 20.08 ug/ml



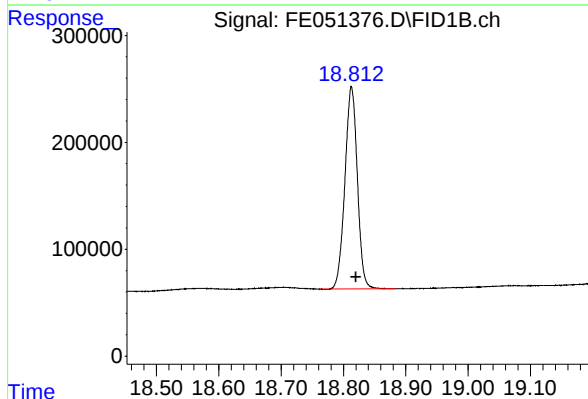
#17 n-Tricontane (C30)

R.T.: 17.981 min
Delta R.T.: -0.008 min
Response: 2709782
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

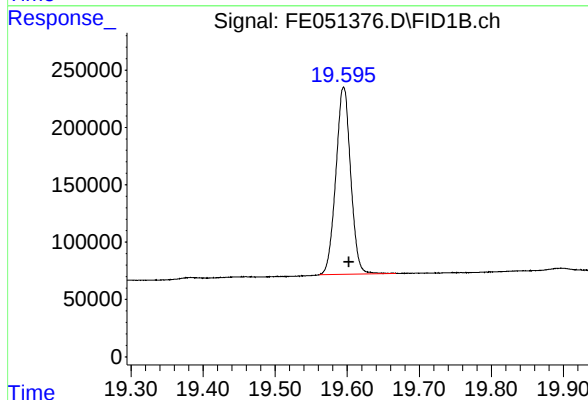
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :Ankita Jodhani 11/22/2024



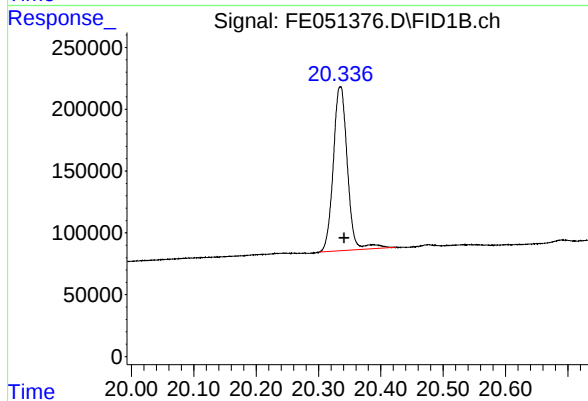
#18 n-Dotriacontane (C32)

R.T.: 18.813 min
Delta R.T.: -0.007 min
Response: 2625260
Conc: 17.68 ug/ml



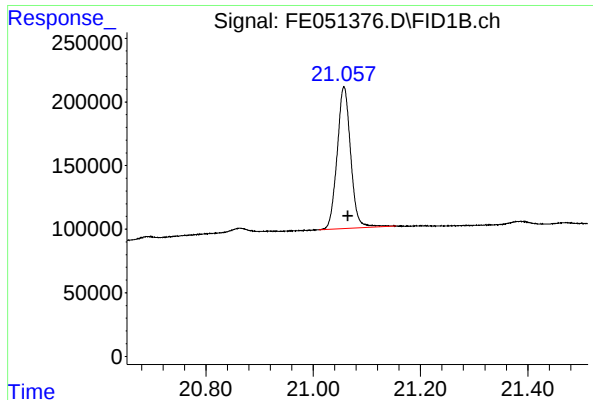
#19 n-Tetratriacontane (C34)

R.T.: 19.595 min
Delta R.T.: -0.007 min
Response: 2333766
Conc: 17.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.335 min
Delta R.T.: -0.007 min
Response: 2091461
Conc: 17.53 ug/ml



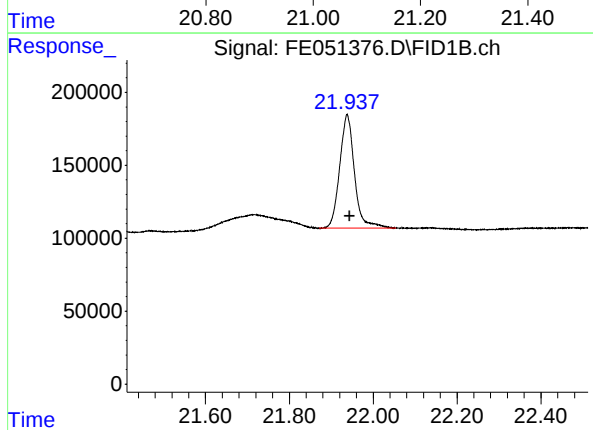
#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.007 min
Response: 1948287
Conc: 17.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :Ankita Jodhani 11/22/2024



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: -0.007 min
Response: 1904746
Conc: 17.13 ug/ml