

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100422AL\
 Data File : FE037943.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2022 22:12
 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 10/05/2022
 Supervised By :Ankita Jodhani 10/05/2022

Integration File: autoint1.e
 Quant Time: Oct 05 04:16:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.609	3364747	19.454 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.031	2629905	19.457 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.004	3044122	20.669 ug/ml
2) T n-Decane (C10)	4.261	3111752	21.047 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2914351	21.282 ug/ml
4) T n-Dodecane (C12)	6.434	3172339	20.818 ug/ml
5) T A~2-methylnaphthalene...	7.072	2819622	21.215 ug/ml
6) T n-Tetradecane (C14)	8.253	3184550	20.807 ug/ml
7) T n-Hexadecane (C16)	9.852	3210105	20.551 ug/ml
8) T n-Octadecane (C18)	11.287	3219057	20.069 ug/ml
10) T n-Eicosane (C20)	12.588	3197518	19.608 ug/ml
11) T n-Heneicosane (C21)	13.197	3166106	19.216 ug/ml
13) T n-Docosane (C22)	13.779	3180795	19.323 ug/ml
14) T n-Tetracosane (C24)	14.877	3096185	18.879 ug/ml
15) T n-Hexacosane (C26)	15.892	2990362	18.339 ug/ml
16) T n-Octacosane (C28)	16.837	2943253	18.372 ug/ml
17) T n-Tricontane (C30)	17.719	3001076	18.754 ug/ml
18) T n-Dotriacontane (C32)	18.548	2985453	18.959 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2774310	18.726 ug/ml
20) T n-Hexatriacontane (C36)	20.062	2812818	19.511 ug/ml
21) T n-Octatriacontane (C38)	20.760	2731976	20.132 ug/ml
22) T n-Tetracontane (C40)	21.527	2885052	22.664 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100422AL\
Data File : FE037943.D
Signal(s) : FID1B.ch
Acq On : 04 Oct 2022 22:12
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

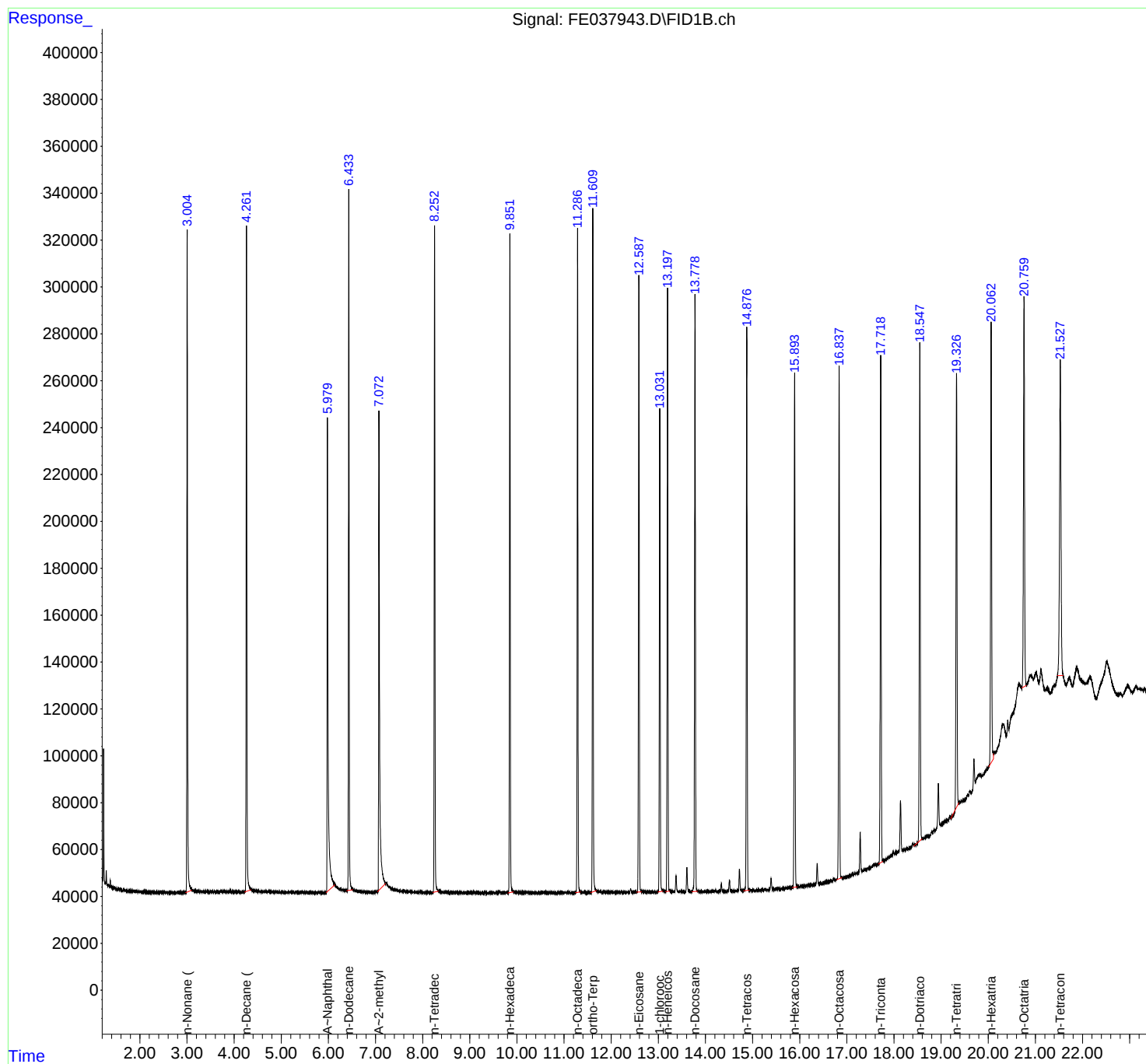
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

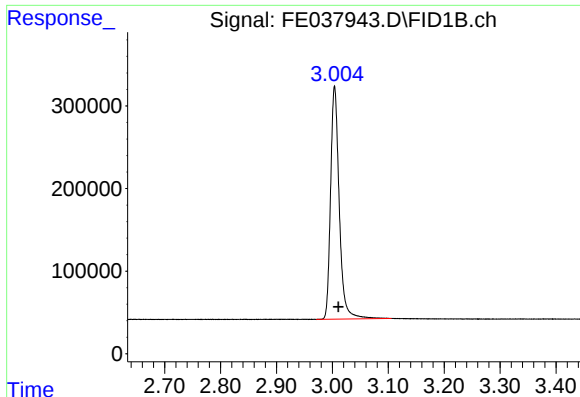
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2022
Supervised By :Ankita Jodhani 10/05/2022

Integration File: autoint1.e
Quant Time: Oct 05 04:16:27 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
Quant Title : GC Extractables
QLast Update : Wed Sep 28 06:23:29 2022
Response via : Initial Calibration
Integrator: ChemStation

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





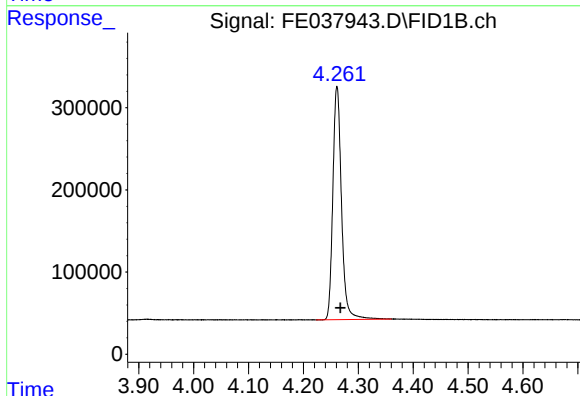
#1 n-Nonane (C9)

R.T.: 3.004 min
Delta R.T.: -0.007 min
Response: 3044122
Conc: 20.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

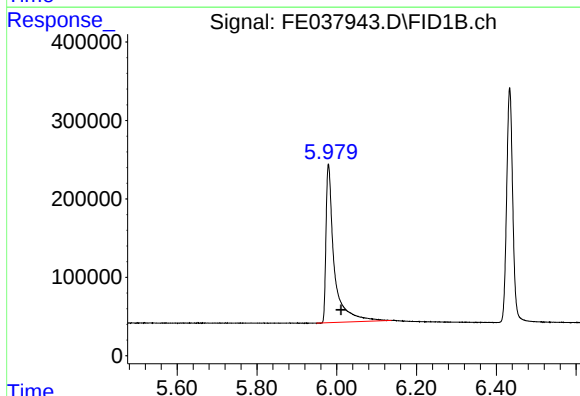
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2022
Supervised By :Ankita Jodhani 10/05/2022



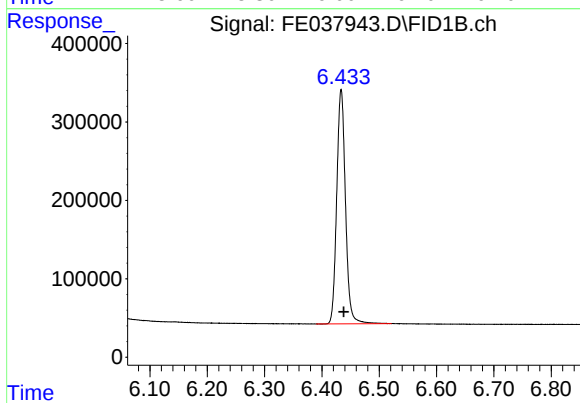
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.006 min
Response: 3111752
Conc: 21.05 ug/ml



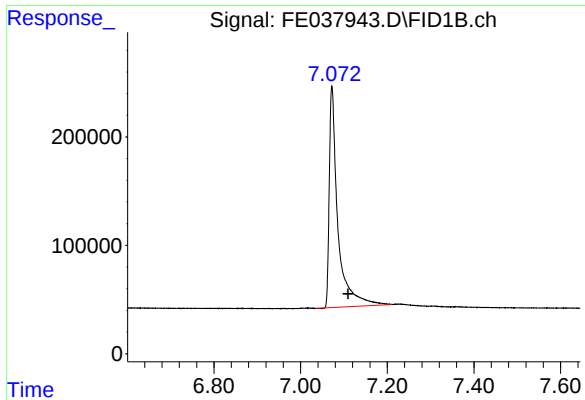
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.032 min
Response: 2914351
Conc: 21.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: -0.005 min
Response: 3172339
Conc: 20.82 ug/ml



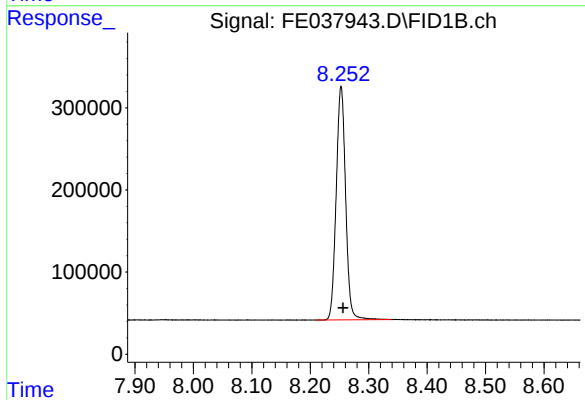
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.037 min
Response: 2819622
Conc: 21.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

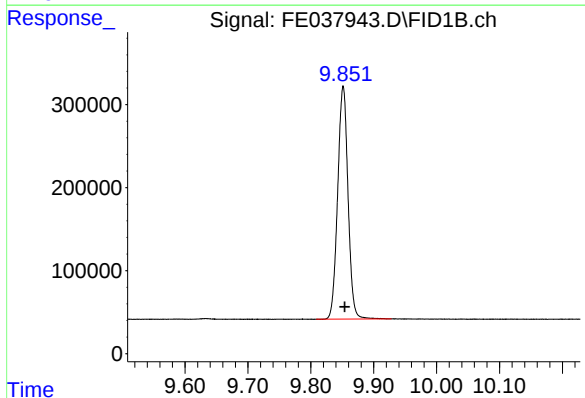
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2022
Supervised By :Ankita Jodhani 10/05/2022



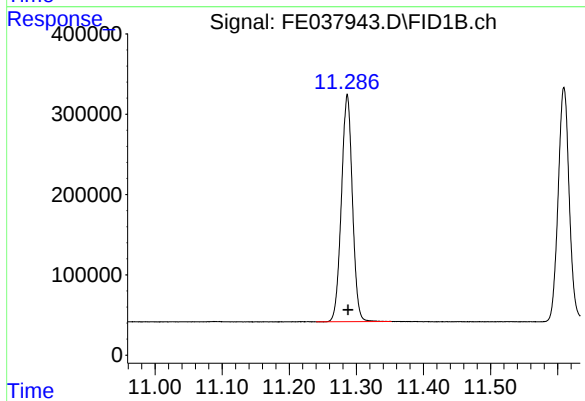
#6 n-Tetradecane (C14)

R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 3184550
Conc: 20.81 ug/ml



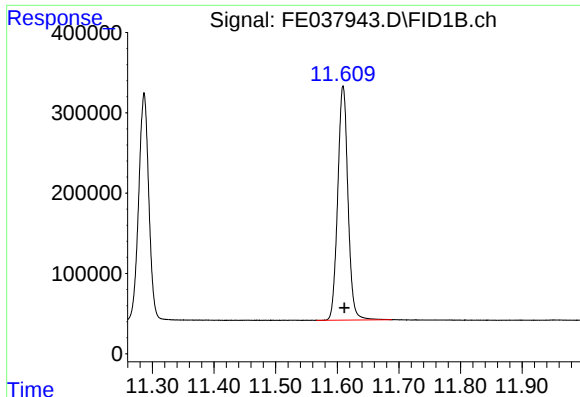
#7 n-Hexadecane (C16)

R.T.: 9.852 min
Delta R.T.: -0.002 min
Response: 3210105
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.287 min
Delta R.T.: -0.001 min
Response: 3219057
Conc: 20.07 ug/ml



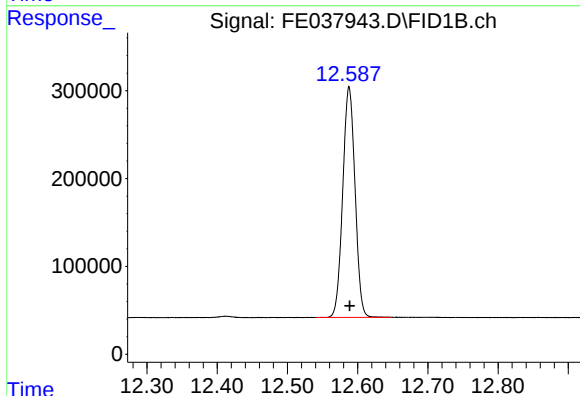
#9 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: -0.002 min
Response: 3364747
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

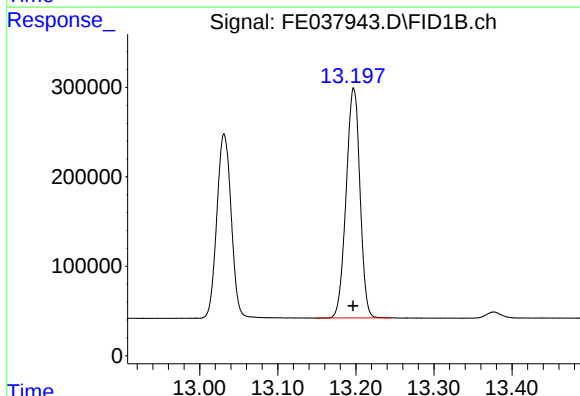
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2022
Supervised By :Ankita Jodhani 10/05/2022



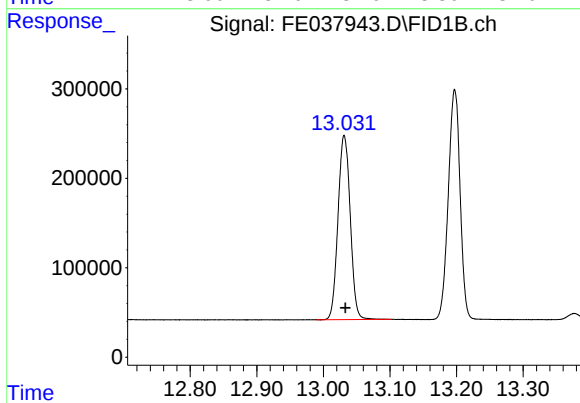
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.000 min
Response: 3197518
Conc: 19.61 ug/ml



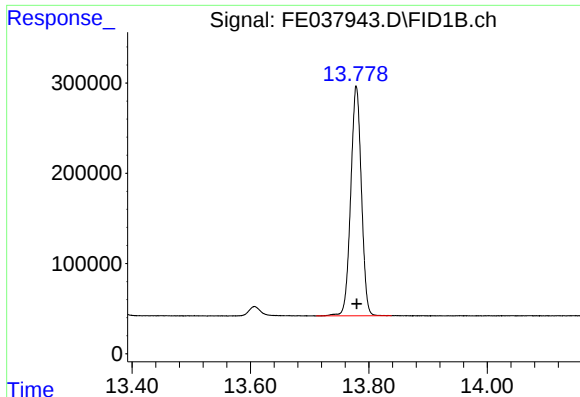
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: 0.001 min
Response: 3166106
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.031 min
Delta R.T.: -0.002 min
Response: 2629905
Conc: 19.46 ug/ml



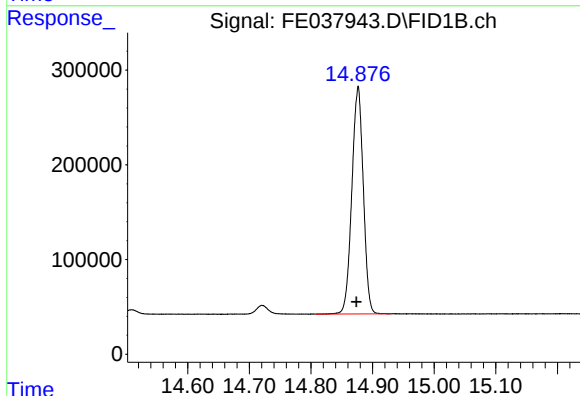
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: 0.000 min
Response: 3180795
Conc: 19.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

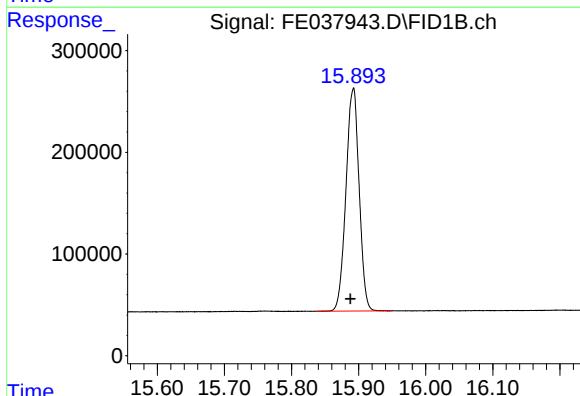
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2022
Supervised By :Ankita Jodhani 10/05/2022



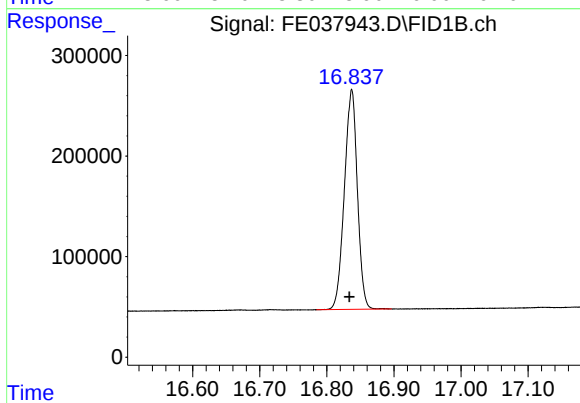
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: 0.003 min
Response: 3096185
Conc: 18.88 ug/ml



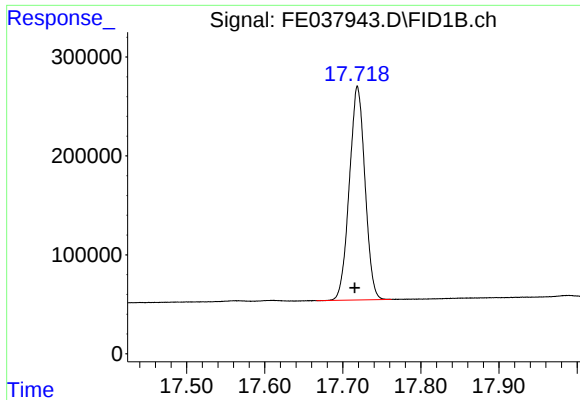
#15 n-Hexacosane (C26)

R.T.: 15.892 min
Delta R.T.: 0.004 min
Response: 2990362
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.004 min
Response: 2943253
Conc: 18.37 ug/ml



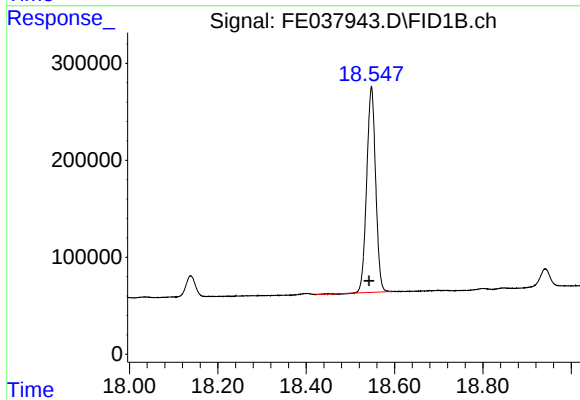
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.003 min
Response: 3001076
Conc: 18.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

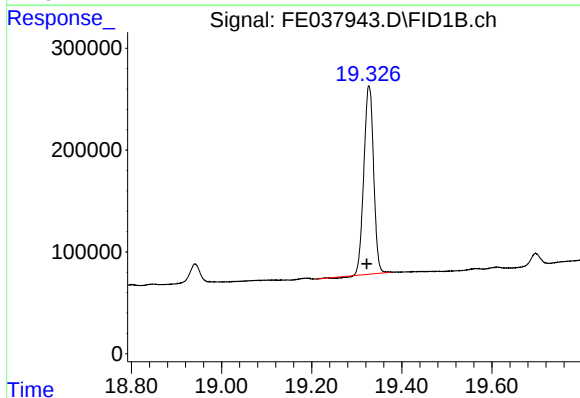
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2022
Supervised By :Ankita Jodhani 10/05/2022



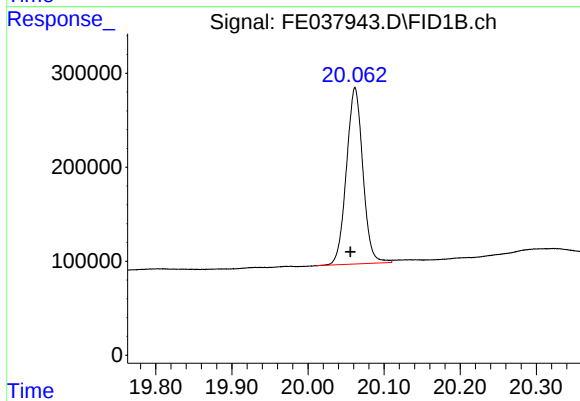
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.006 min
Response: 2985453
Conc: 18.96 ug/ml



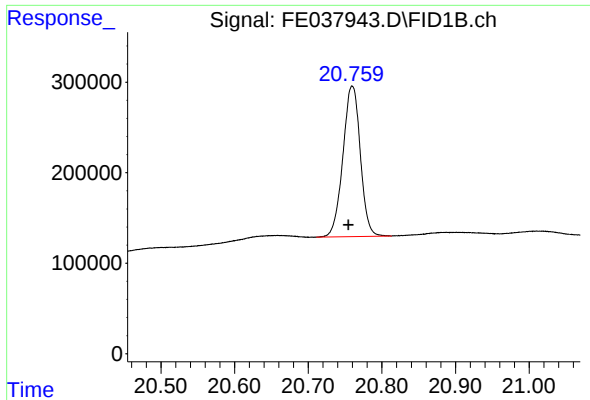
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: 0.005 min
Response: 2774310
Conc: 18.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.062 min
Delta R.T.: 0.006 min
Response: 2812818
Conc: 19.51 ug/ml



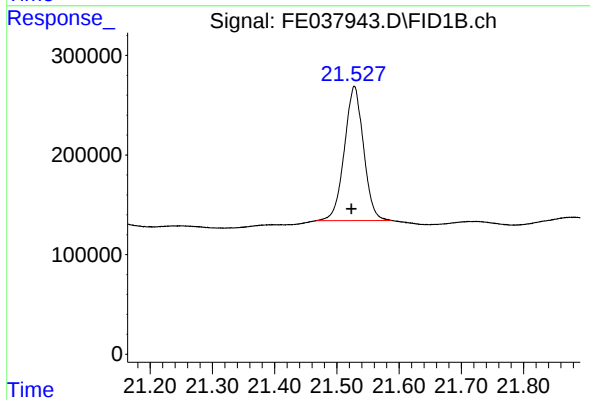
#21 n-Octatriacontane (C38)

R.T.: 20.760 min
Delta R.T.: 0.005 min
Response: 2731976
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2022
Supervised By :Ankita Jodhani 10/05/2022



#22 n-Tetracontane (C40)

R.T.: 21.527 min
Delta R.T.: 0.004 min
Response: 2885052
Conc: 22.66 ug/ml m