

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100424AL\
 Data File : FE050506.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2024 08:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :Ankita Jodhani 10/07/2024

Integration File: autoint1.e
 Quant Time: Oct 05 00:25:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.861	3206268	21.550 ug/ml
Spiked Amount 50.000		Recovery =	43.10%
12) S 1-chlorooctadecane (S...	13.294	2406672	21.426 ug/ml
Spiked Amount 50.000		Recovery =	42.85%
Target Compounds			
1) T n-Nonane (C9)	3.253	2899186	21.389 ug/ml
2) T n-Decane (C10)	4.502	2971967	21.534 ug/ml
3) T A~Naphthalene (C11.7)	6.212	2998620	21.423 ug/ml
4) T n-Dodecane (C12)	6.669	2983995	21.579 ug/ml
5) T A~2-methylnaphthalene...	7.307	2789581	21.223 ug/ml
6) T n-Tetradecane (C14)	8.495	2902271	21.313 ug/ml
7) T n-Hexadecane (C16)	10.100	3012266	21.686 ug/ml
8) T n-Octadecane (C18)	11.541	3032982	21.648 ug/ml
10) T n-Eicosane (C20)	12.848	2894613	21.578 ug/mlm
11) T n-Heneicosane (C21)	13.459	2837025	21.591 ug/ml
13) T n-Docosane (C22)	14.044	2809213	21.573 ug/ml
14) T n-Tetracosane (C24)	15.146	2802860	21.463 ug/ml
15) T n-Hexacosane (C26)	16.165	2764147	21.605 ug/ml
16) T n-Octacosane (C28)	17.113	2821004	21.901 ug/ml
17) T n-Tricontane (C30)	18.000	2974312	22.243 ug/ml
18) T n-Dotriacontane (C32)	18.831	2991322	22.448 ug/ml
19) T n-Tetratriacontane (C34)	19.613	2754418	22.292 ug/mlm
20) T n-Hexatriacontane (C36)	20.352	2426565	21.871 ug/mlm
21) T n-Octatriacontane (C38)	21.074	2296496	20.824 ug/ml
22) T n-Tetracontane (C40)	21.959	2067617	19.001 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100424AL\
Data File : FE050506.D
Signal(s) : FID1B.ch
Acq On : 04 Oct 2024 08:03
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 7 Sample Multiplier: 1

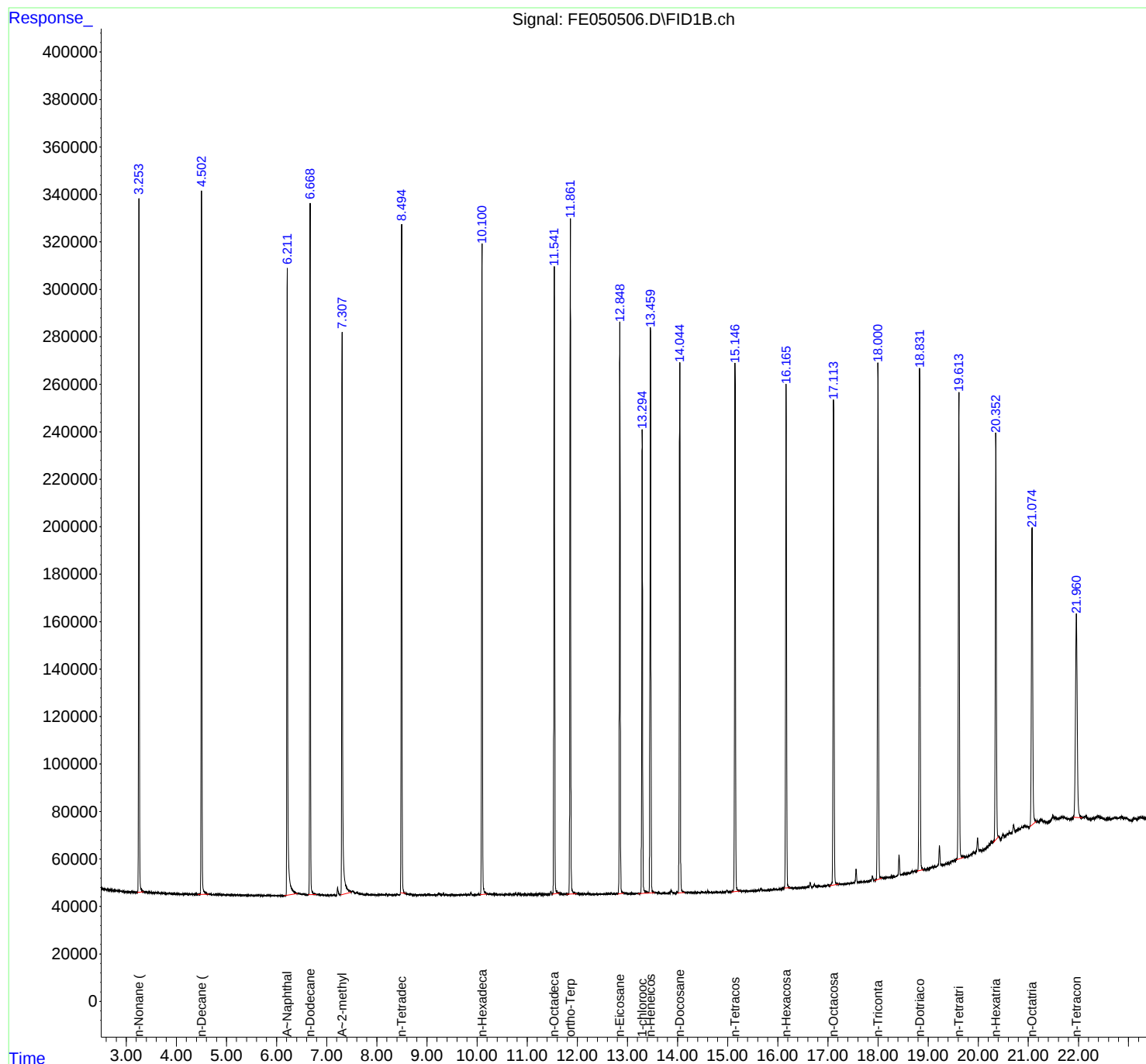
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

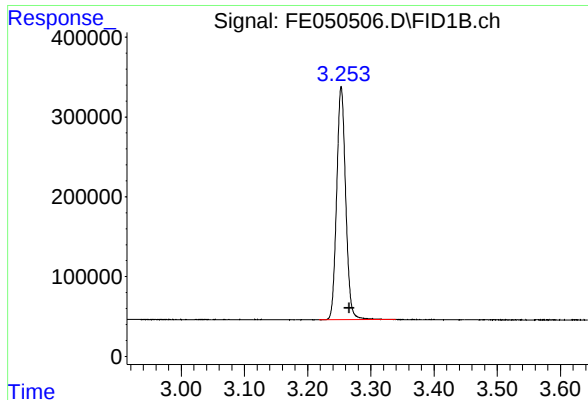
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024

Integration File: autoint1.e
Quant Time: Oct 05 00:25:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





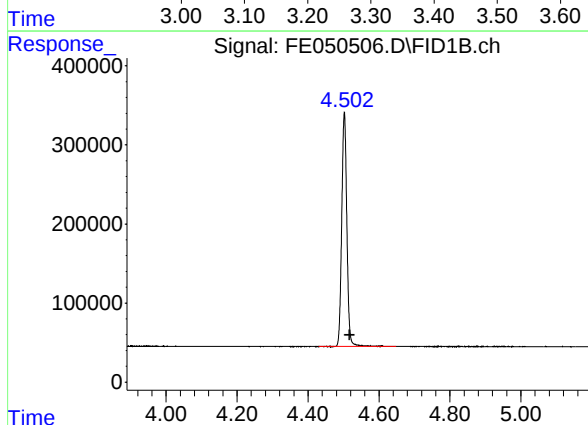
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: -0.013 min
Response: 2899186
Conc: 21.39 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

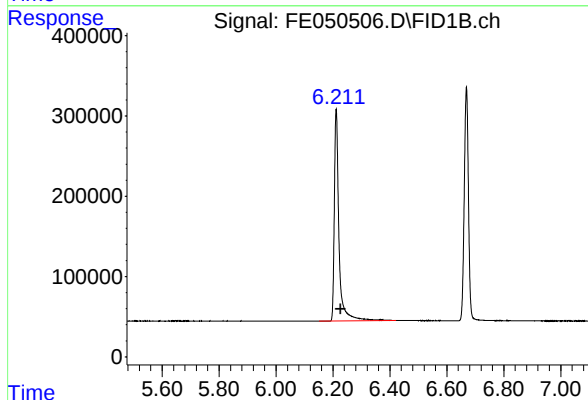
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



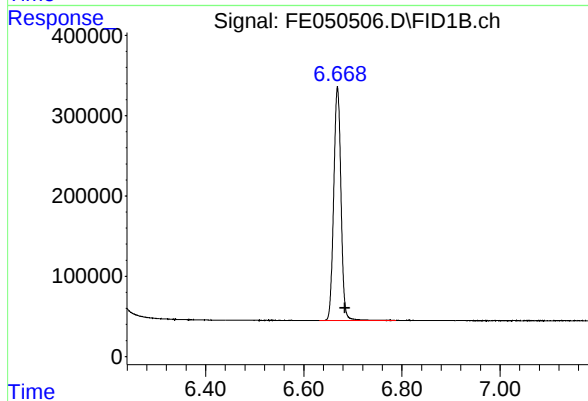
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.014 min
Response: 2971967
Conc: 21.53 ug/ml



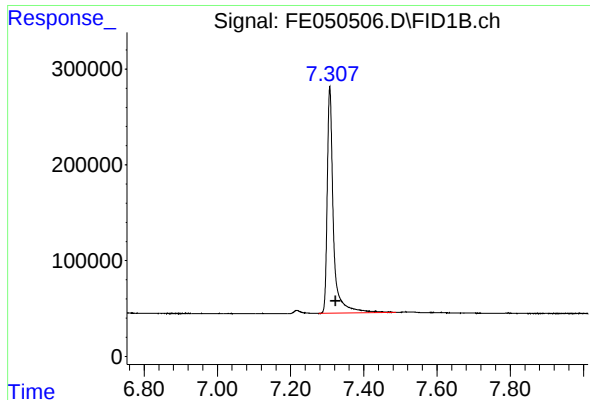
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.015 min
Response: 2998620
Conc: 21.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min
Delta R.T.: -0.015 min
Response: 2983995
Conc: 21.58 ug/ml



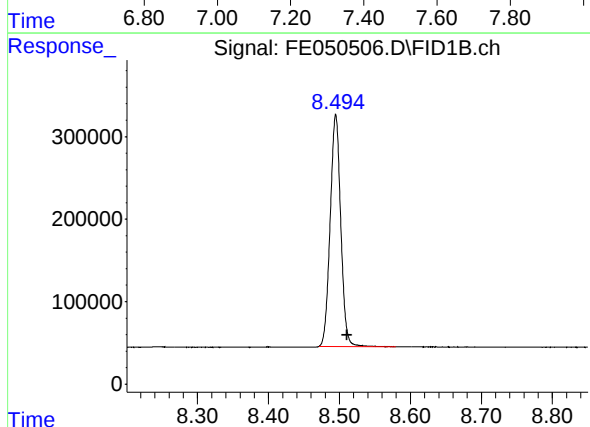
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.307 min
Delta R.T.: -0.016 min
Response: 2789581
Conc: 21.22 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

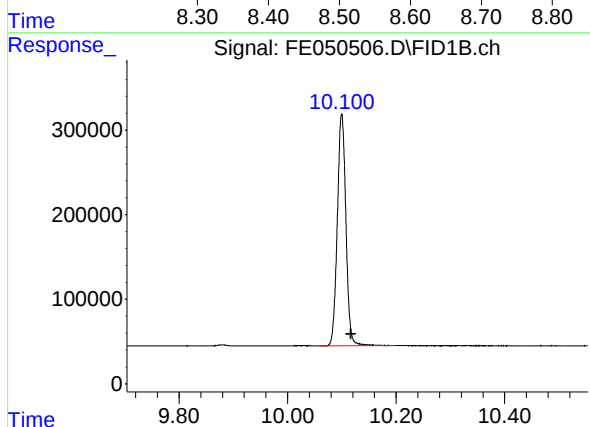
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



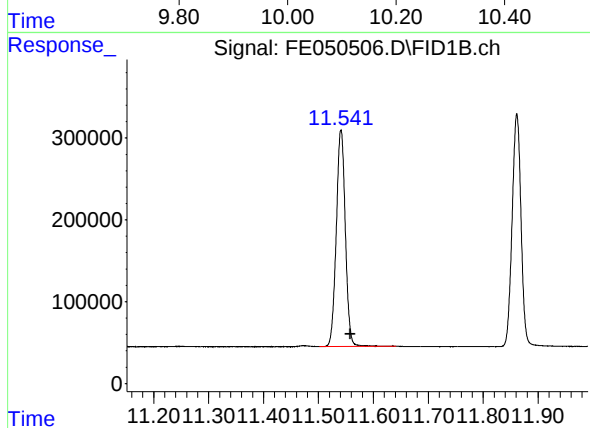
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.016 min
Response: 2902271
Conc: 21.31 ug/ml



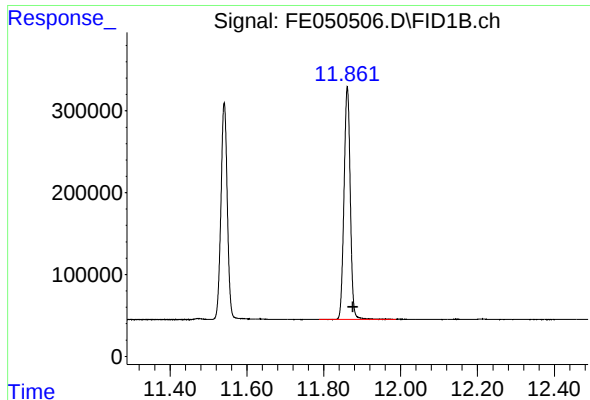
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.017 min
Response: 3012266
Conc: 21.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.017 min
Response: 3032982
Conc: 21.65 ug/ml



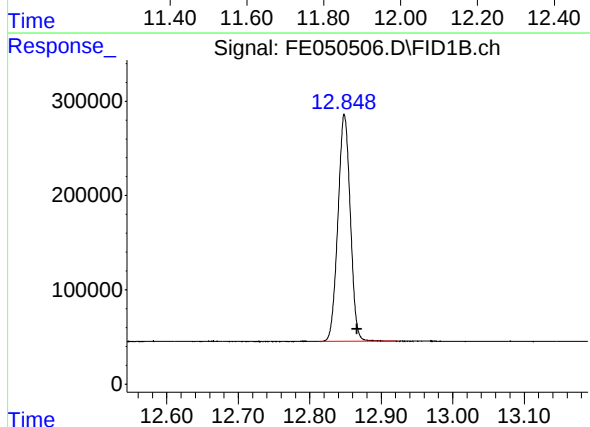
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: -0.015 min
Response: 3206268
Conc: 21.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

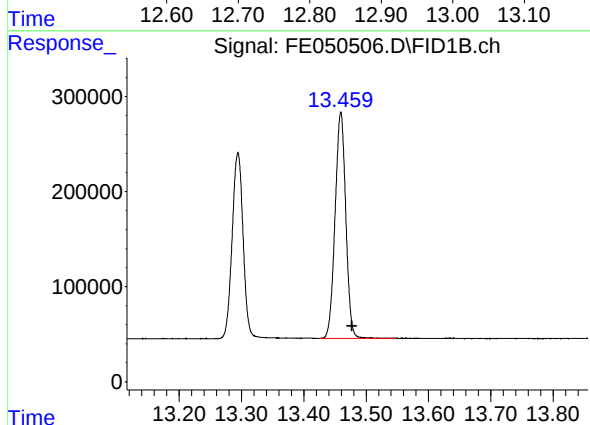
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



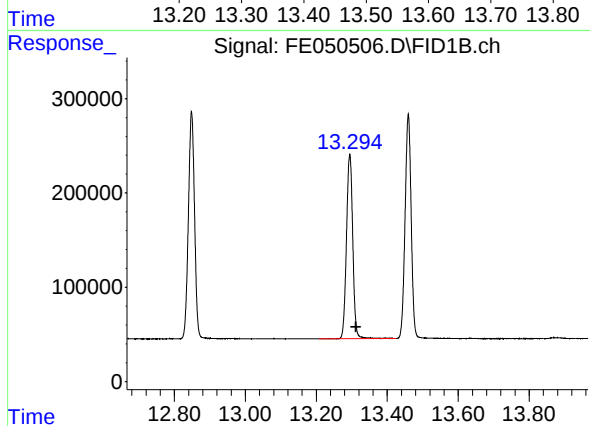
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.018 min
Response: 2894613
Conc: 21.58 ug/ml



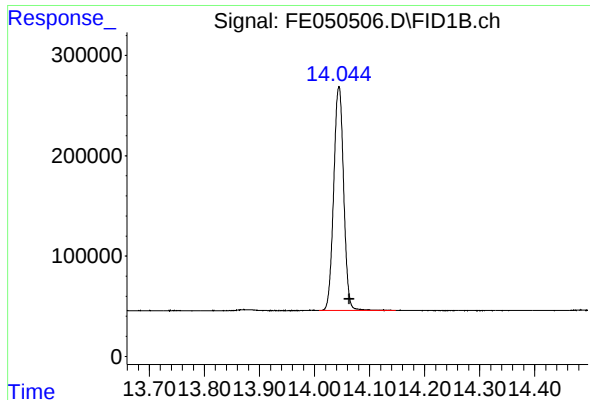
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.018 min
Response: 2837025
Conc: 21.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min
Delta R.T.: -0.017 min
Response: 2406672
Conc: 21.43 ug/ml



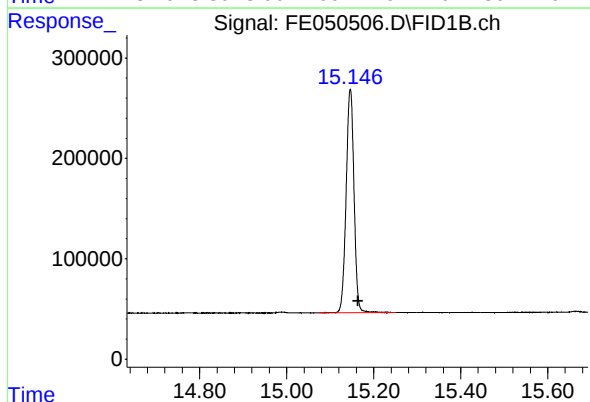
#13 n-Docosane (C22)

R.T.: 14.044 min
Delta R.T.: -0.019 min
Response: 2809213
Conc: 21.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

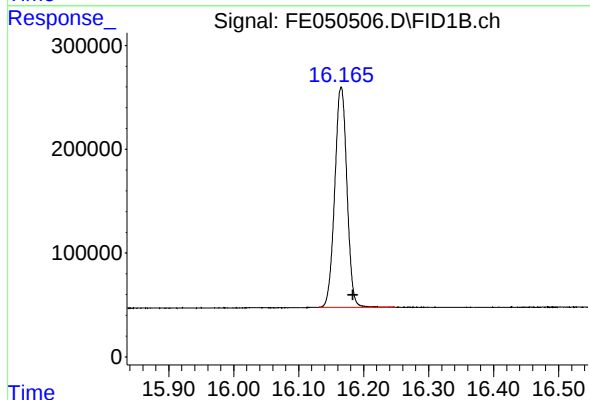
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



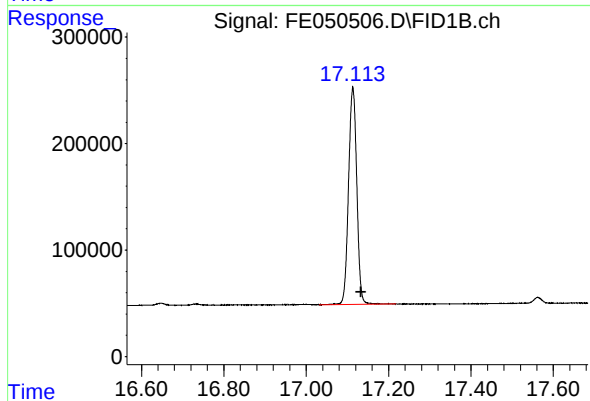
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 2802860
Conc: 21.46 ug/ml



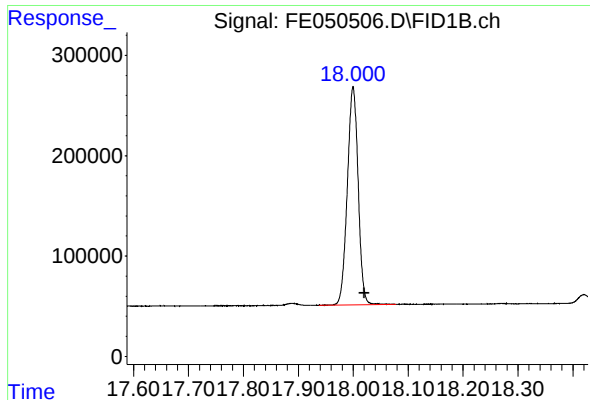
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.018 min
Response: 2764147
Conc: 21.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.020 min
Response: 2821004
Conc: 21.90 ug/ml



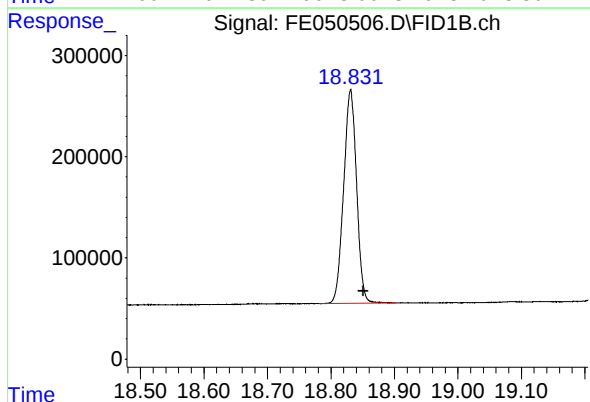
#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.020 min
Response: 2974312
Conc: 22.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

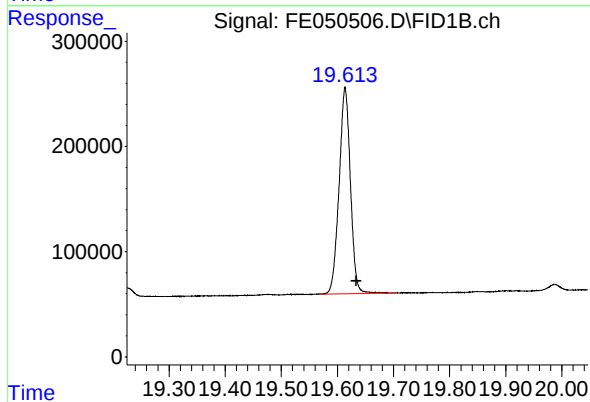
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



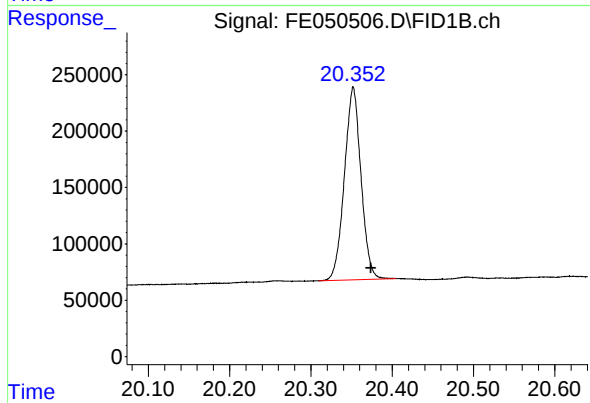
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.020 min
Response: 2991322
Conc: 22.45 ug/ml



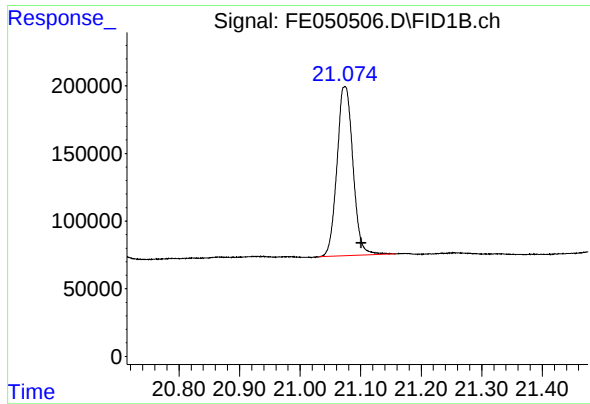
#19 n-Tetatriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.020 min
Response: 2754418
Conc: 22.29 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.022 min
Response: 2426565
Conc: 21.87 ug/ml m



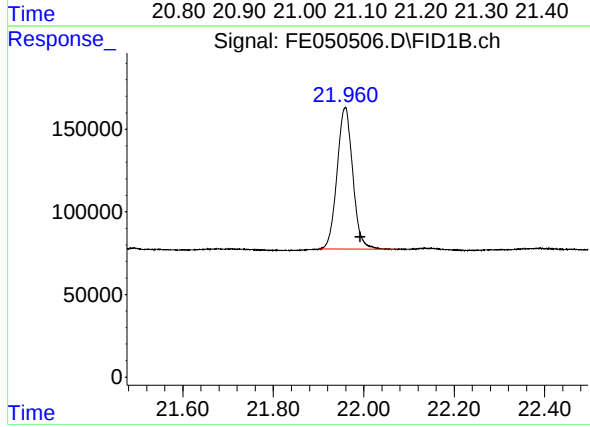
#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.027 min
Response: 2296496
Conc: 20.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.034 min
Response: 2067617
Conc: 19.00 ug/ml