

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122822AL\
 Data File : FE039539.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2022 00:59
 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 12/29/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
 Quant Time: Dec 29 03:11:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.925	3087663	20.690 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
12) S 1-chlorooctadecane (S...	13.361	2383412	20.708 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
Target Compounds			
1) T n-Nonane (C9)	3.326	2660841	20.585 ug/ml
2) T n-Decane (C10)	4.572	2647038	20.774 ug/ml
3) T A~Naphthalene (C11.7)	6.273	2955486	20.445 ug/ml
4) T n-Dodecane (C12)	6.734	2682042	20.659 ug/ml
5) T A~2-methylnaphthalene...	7.367	2771649	20.465 ug/ml
6) T n-Tetradecane (C14)	8.560	2737988	20.662 ug/ml
7) T n-Hexadecane (C16)	10.165	2839753	20.642 ug/ml
8) T n-Octadecane (C18)	11.608	2895947	20.676 ug/ml
10) T n-Eicosane (C20)	12.916	2823370	20.683 ug/ml
11) T n-Heneicosane (C21)	13.529	2826994	20.727 ug/mlm
13) T n-Docosane (C22)	14.114	2809262	20.767 ug/ml
14) T n-Tetracosane (C24)	15.217	2809917	20.932 ug/ml
15) T n-Hexacosane (C26)	16.236	2738435	21.031 ug/ml
16) T n-Octacosane (C28)	17.185	2745227	21.330 ug/ml
17) T n-Tricontane (C30)	18.073	2855326	22.177 ug/mlm
18) T n-Dotriacontane (C32)	18.907	2878897	22.231 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2688428	21.309 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2470697	20.433 ug/mlm
21) T n-Octatriacontane (C38)	21.164	2385333	19.315 ug/ml
22) T n-Tetracontane (C40)	22.072f	2365001	18.832 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122822AL\
Data File : FE039539.D
Signal(s) : FID1B.ch
Acq On : 29 Dec 2022 00:59
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

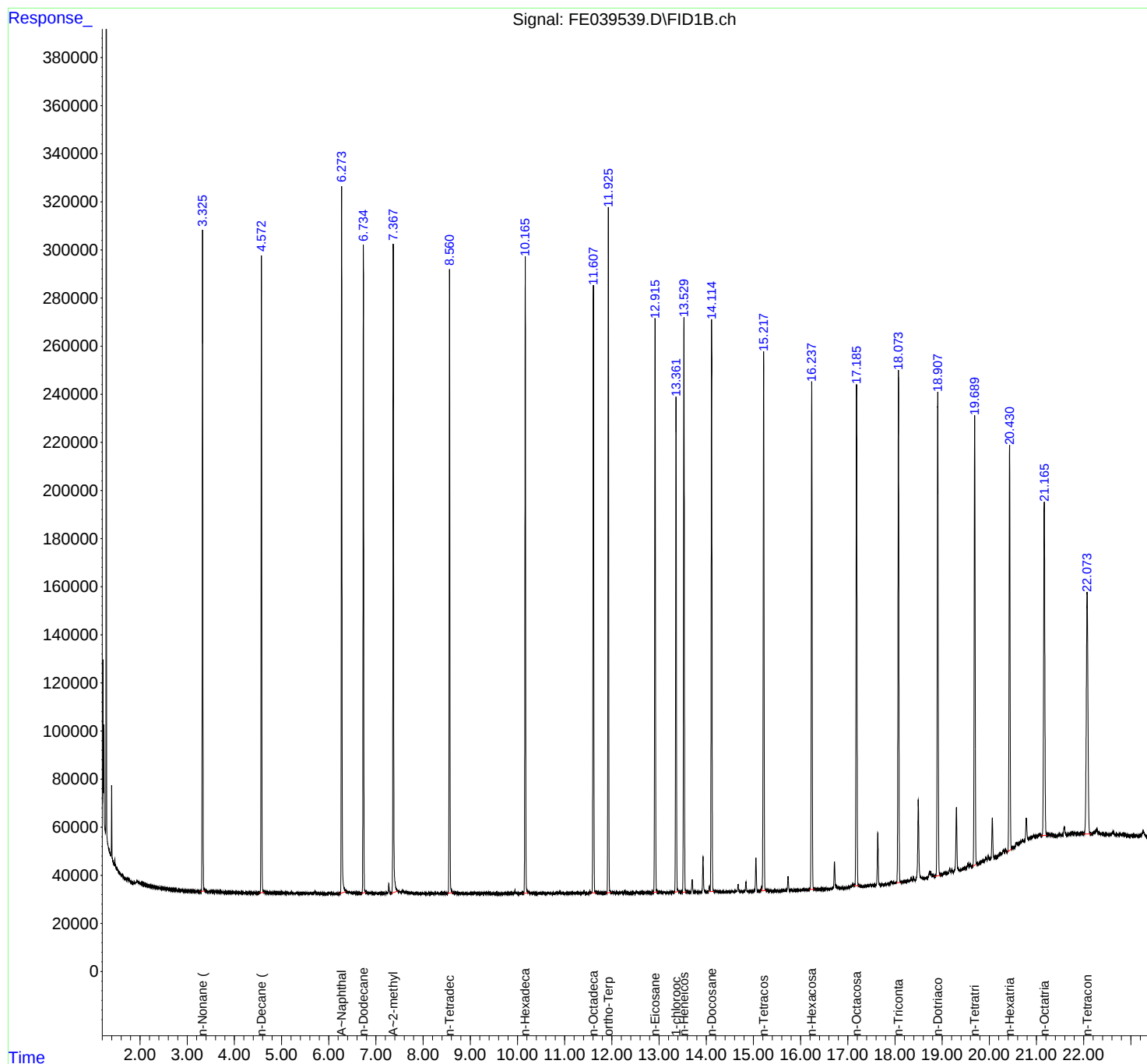
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

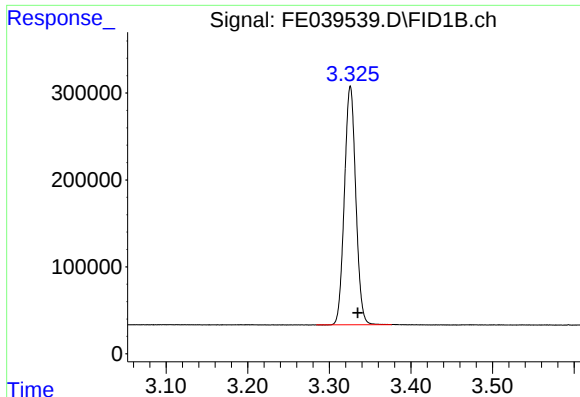
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
Quant Time: Dec 29 03:11:00 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
Quant Title : GC Extractables
QLast Update : Sat Dec 17 15:09:52 2022
Response via : Initial Calibration
Integrator: ChemStation

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





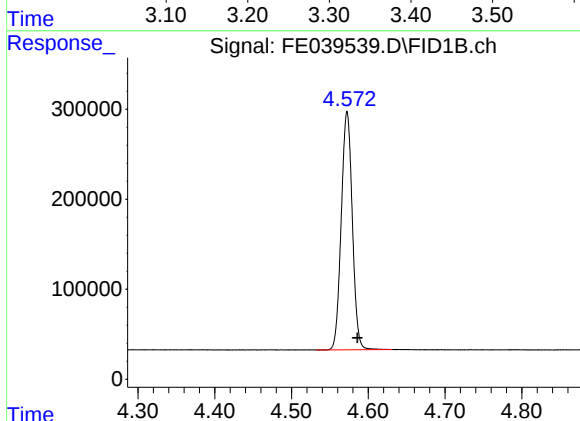
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 2660841
Conc: 20.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

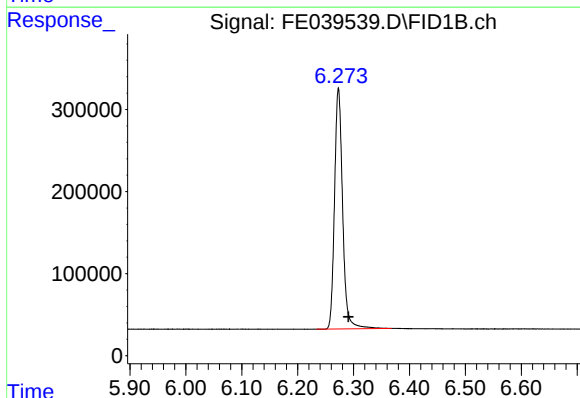
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022



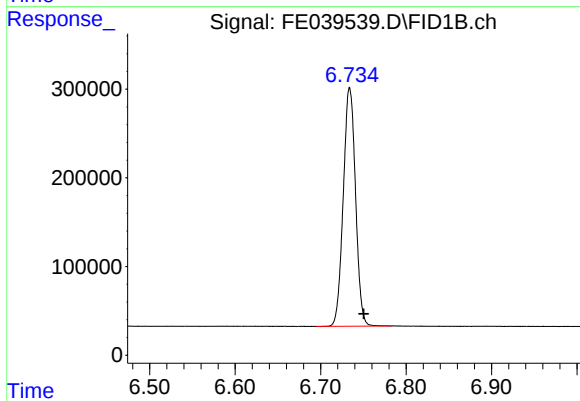
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.013 min
Response: 2647038
Conc: 20.77 ug/ml



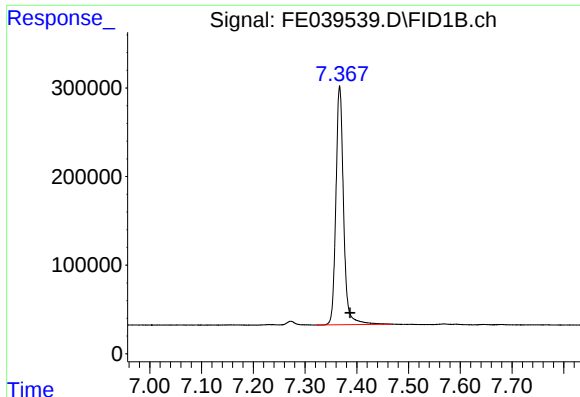
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.018 min
Response: 2955486
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.016 min
Response: 2682042
Conc: 20.66 ug/ml



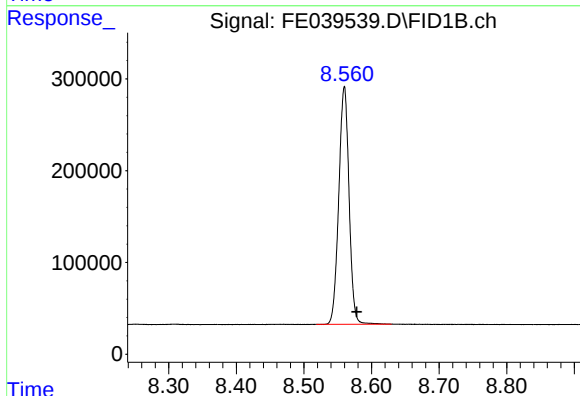
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: -0.020 min
Response: 2771649
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

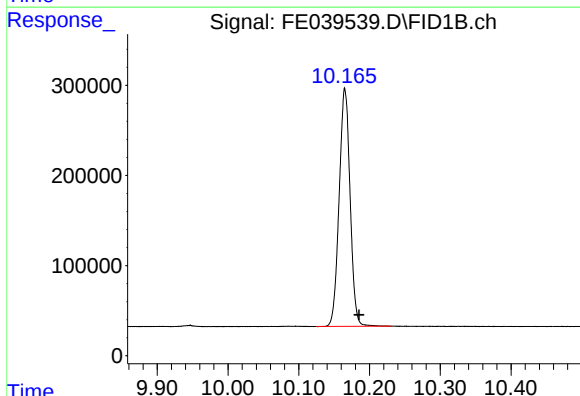
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022



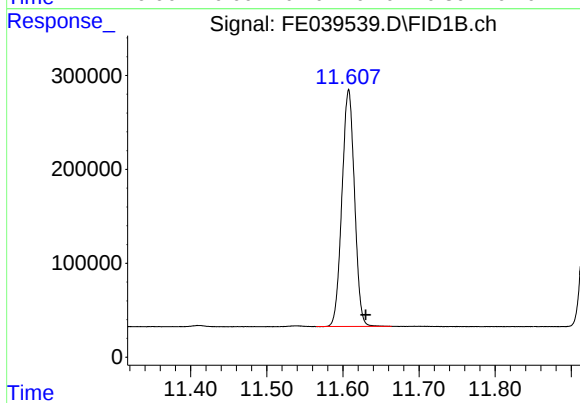
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.018 min
Response: 2737988
Conc: 20.66 ug/ml



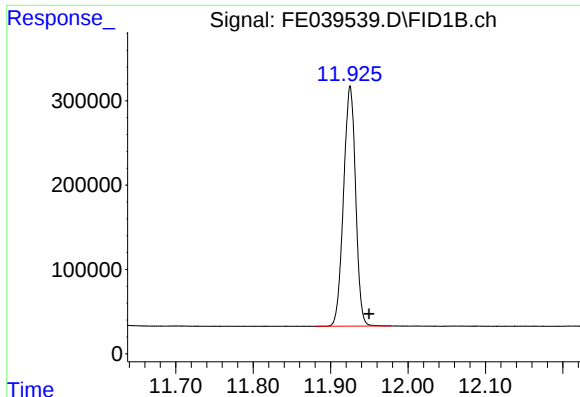
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.020 min
Response: 2839753
Conc: 20.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.023 min
Response: 2895947
Conc: 20.68 ug/ml



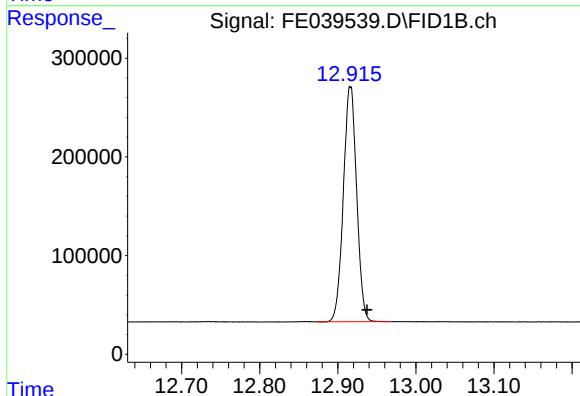
#9 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: -0.024 min
Response: 3087663
Conc: 20.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

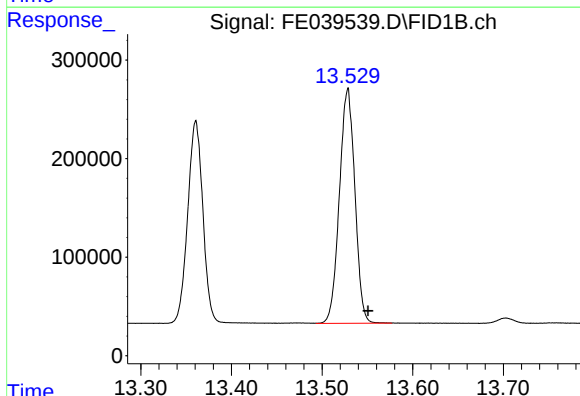
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022



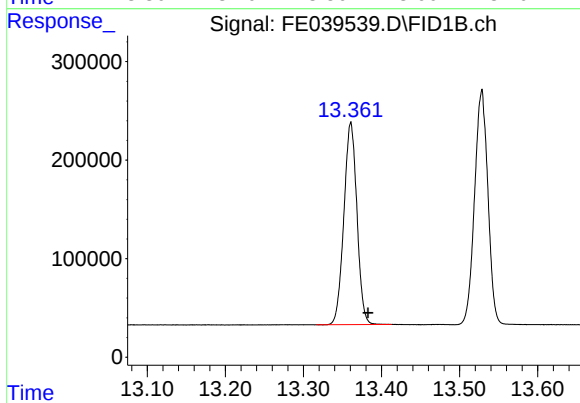
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.021 min
Response: 2823370
Conc: 20.68 ug/ml



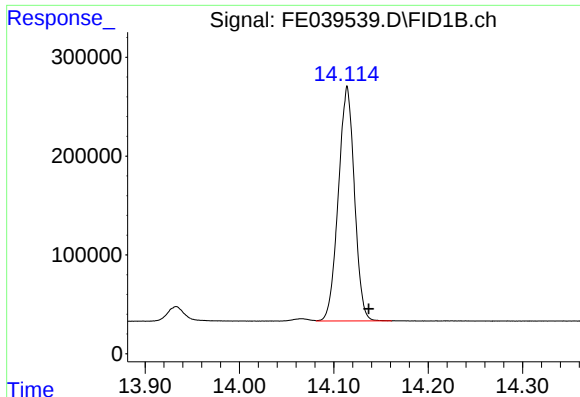
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.022 min
Response: 2826994
Conc: 20.73 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.022 min
Response: 2383412
Conc: 20.71 ug/ml



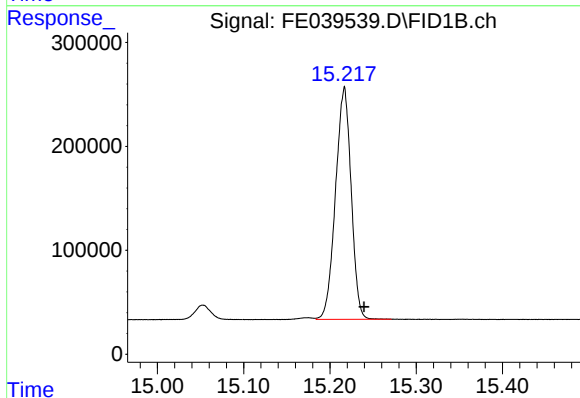
#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: -0.023 min
Response: 2809262
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

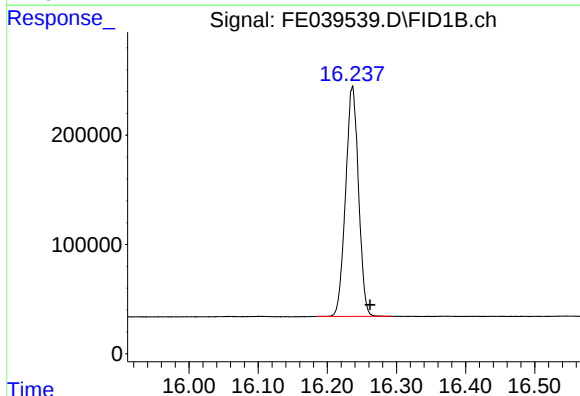
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022



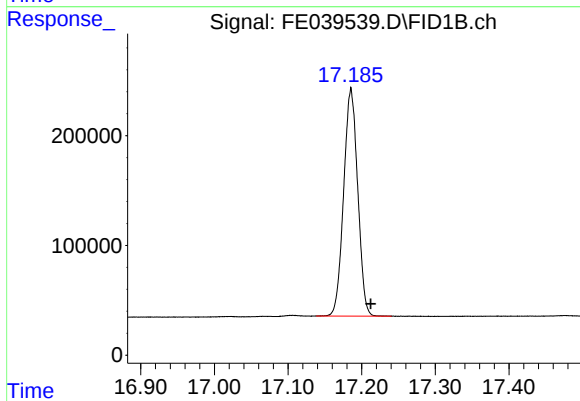
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.023 min
Response: 2809917
Conc: 20.93 ug/ml



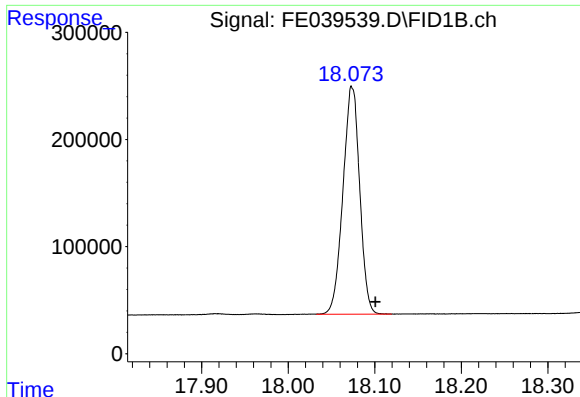
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: -0.026 min
Response: 2738435
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.027 min
Response: 2745227
Conc: 21.33 ug/ml



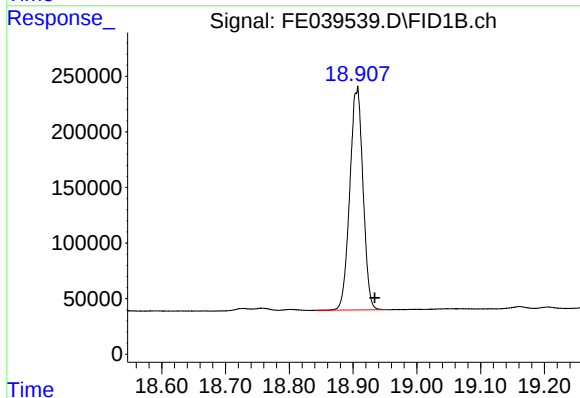
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: -0.028 min
Response: 2855326
Conc: 22.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

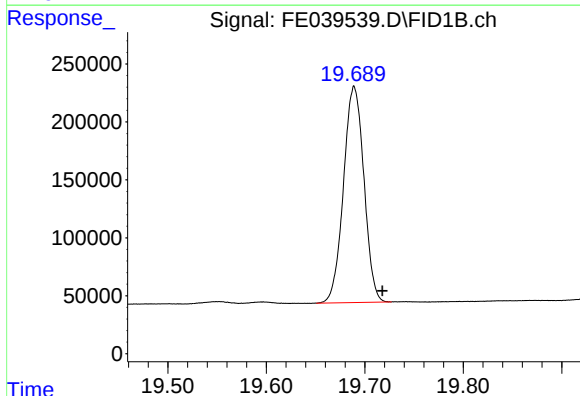
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022



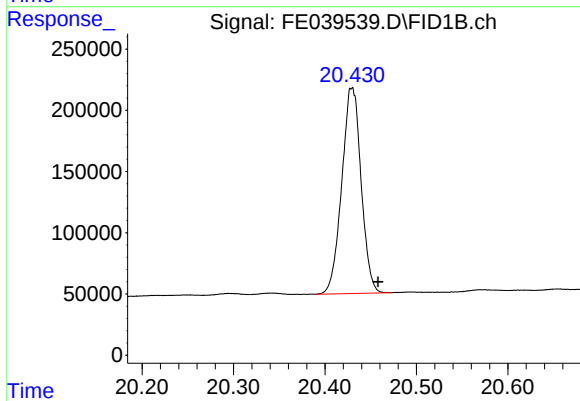
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: -0.027 min
Response: 2878897
Conc: 22.23 ug/ml



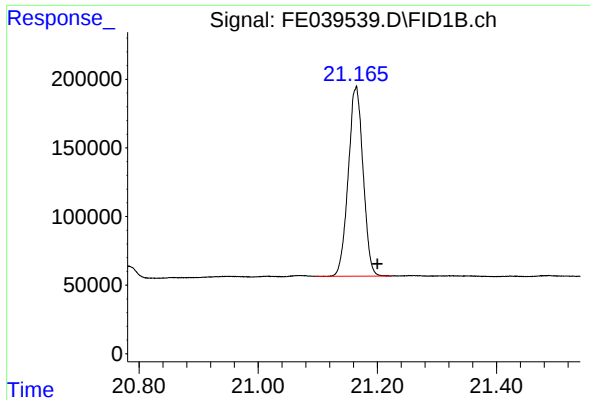
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.029 min
Response: 2688428
Conc: 21.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: -0.028 min
Response: 2470697
Conc: 20.43 ug/ml m



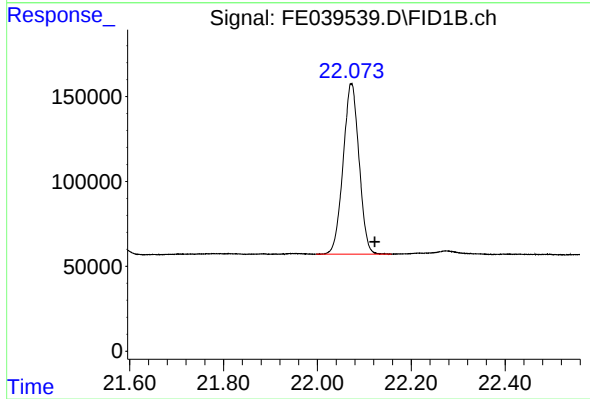
#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.035 min
Response: 2385333
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/29/2022
Supervised By :Ankita Jodhani 12/29/2022



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.050 min
Response: 2365001
Conc: 18.83 ug/ml