

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
 Data File : FE037659.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2022 17:03
 Operator : YP\AJ
 Sample : N4656-31MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2022
 Supervised By :Ankita Jodhani 09/20/2022

Integration File: autoint1.e
 Quant Time: Sep 20 04:23:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.627	5417094	32.055 ug/ml
Spiked Amount 50.000		Recovery =	64.11%
12) S 1-chlorooctadecane (S...	13.049	4437633	34.481 ug/ml
Spiked Amount 50.000		Recovery =	68.96%
Target Compounds			
1) T n-Nonane (C9)	3.023	4208659	27.507 ug/ml
2) T n-Decane (C10)	4.281	4788941	31.061 ug/mlm
3) T A~Naphthalene (C11.7)	5.992	5110991	35.476 ug/ml
4) T n-Dodecane (C12)	6.451	5315351	33.613 ug/ml
5) T A~2-methylnaphthalene...	7.086	5164874	36.994 ug/ml
6) T n-Tetradecane (C14)	9.870	6035928	38.093 ug/ml
7) T n-Hexadecane (C16)	9.870	6035928	38.093 ug/ml
8) T n-Octadecane (C18)	11.306	6264522	39.339 ug/ml
10) T n-Eicosane (C20)	12.608	6041615	38.185 ug/ml
11) T n-Heneicosane (C21)	13.216	5934438	37.634 ug/ml
13) T n-Docosane (C22)	13.799	5851947	37.592 ug/ml
14) T n-Tetracosane (C24)	14.895	11186622	74.377 ug/ml
15) T n-Hexacosane (C26)	15.912	5490176	37.915 ug/ml
16) T n-Octacosane (C28)	16.856	5765046	41.613 ug/ml
17) T n-Tricontane (C30)	17.741	5291718	38.901 ug/ml
18) T n-Dotriacontane (C32)	18.567	5402149	40.456 ug/ml
19) T n-Tetratriacontane (C34)	19.346	5290109	41.810 ug/ml
20) T n-Hexatriacontane (C36)	20.081	5126828	39.862 ug/mlm
21) T n-Octatriacontane (C38)	20.778	5210519	41.865 ug/mlm
22) T n-Tetracontane (C40)	21.555	5475127	42.471 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
Data File : FE037659.D
Signal(s) : FID1B.ch
Acq On : 19 Sep 2022 17:03
Operator : YP\AJ
Sample : N4656-31MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

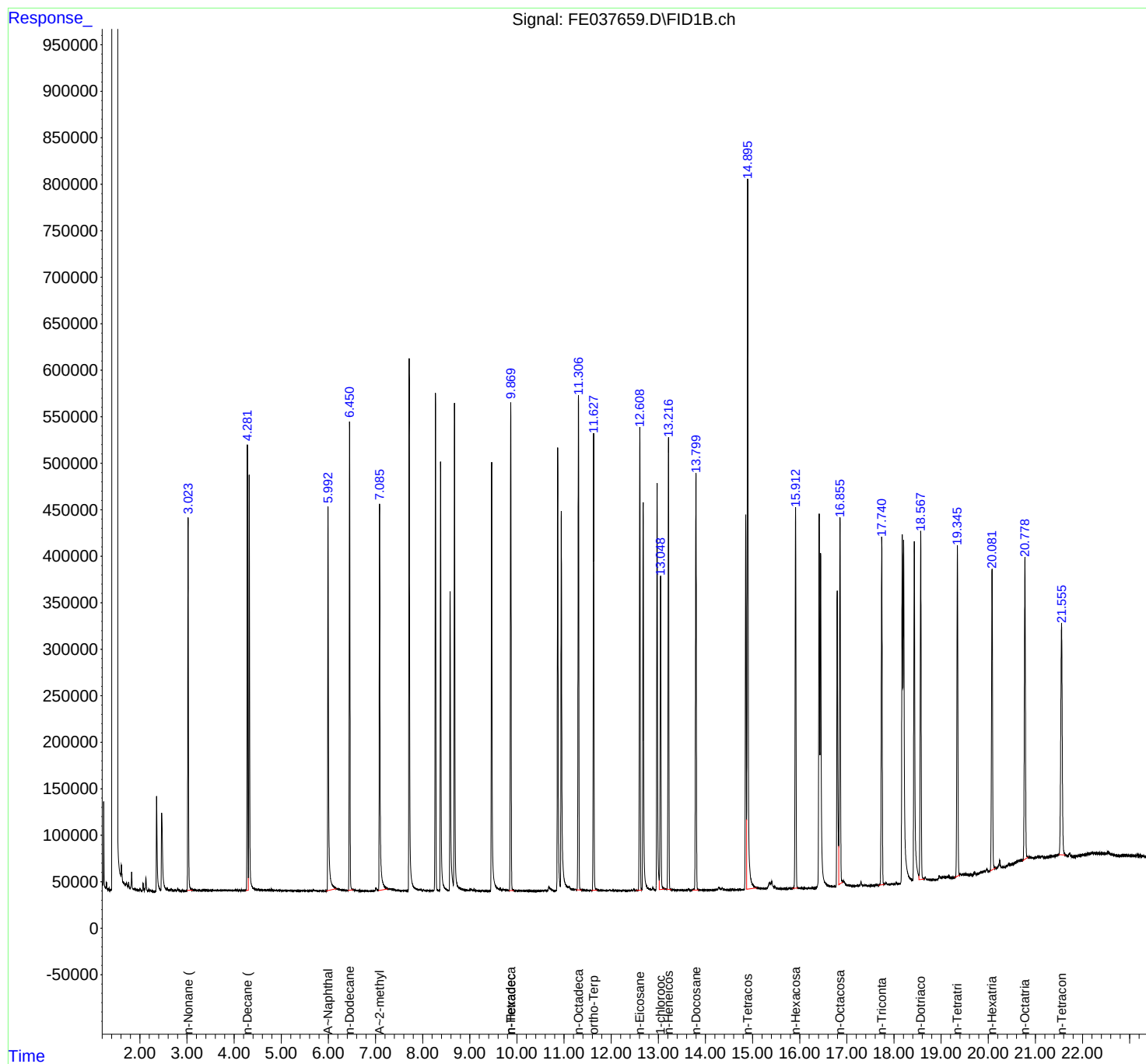
Instrument :
FID_E
ClientSampleId :
SP-4MS

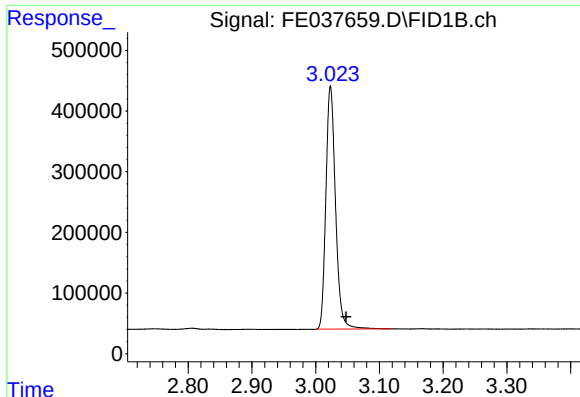
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/20/2022

Integration File: autoint1.e
Quant Time: Sep 20 04:23:07 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
Quant Title : GC Extractables
QLast Update : Tue Aug 30 06:54:11 2022
Response via : Initial Calibration
Integrator: ChemStation

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





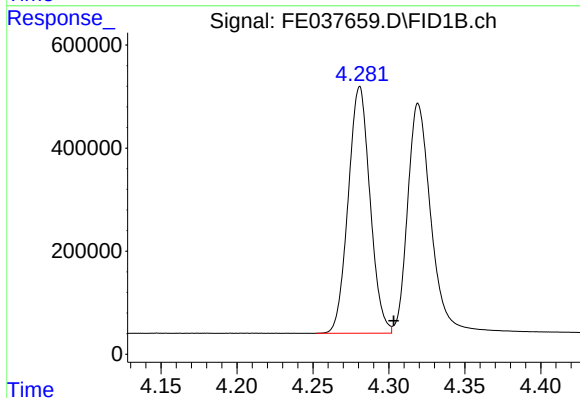
#1 n-Nonane (C9)

R.T.: 3.023 min
Delta R.T.: -0.025 min
Response: 4208659
Conc: 27.51 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-4MS

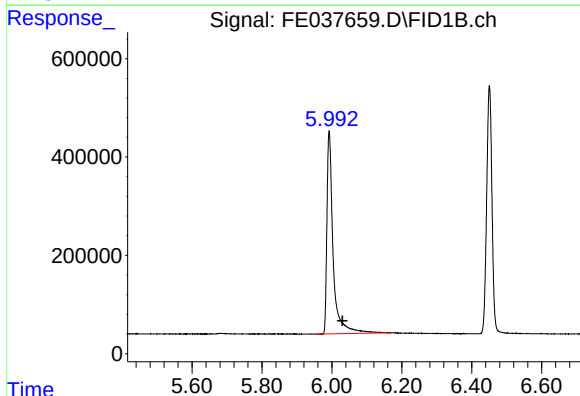
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/20/2022



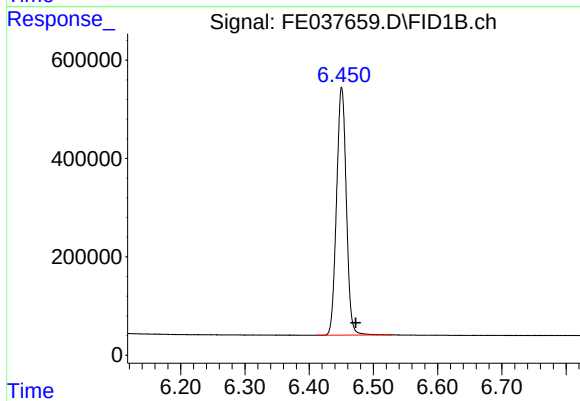
#2 n-Decane (C10)

R.T.: 4.281 min
Delta R.T.: -0.023 min
Response: 4788941
Conc: 31.06 ug/ml m



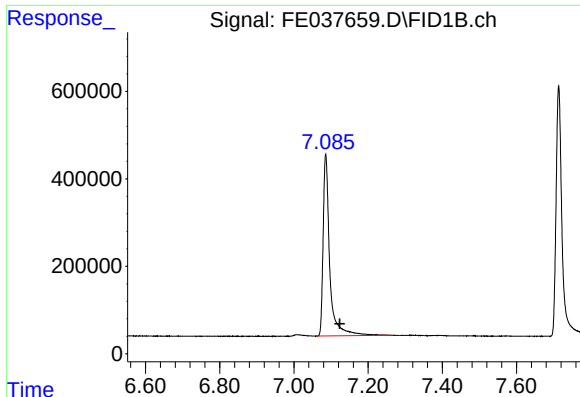
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.038 min
Response: 5110991
Conc: 35.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: -0.022 min
Response: 5315351
Conc: 33.61 ug/ml



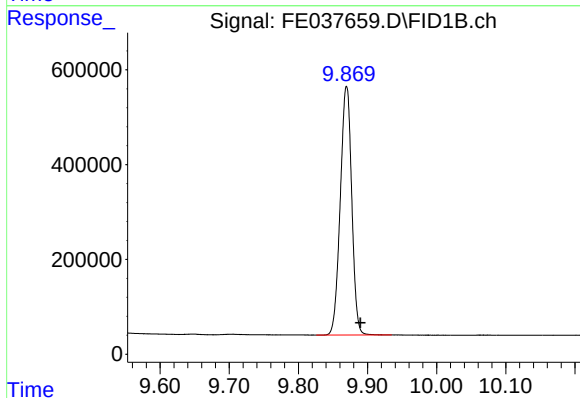
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.038 min
Response: 5164874
Conc: 36.99 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-4MS

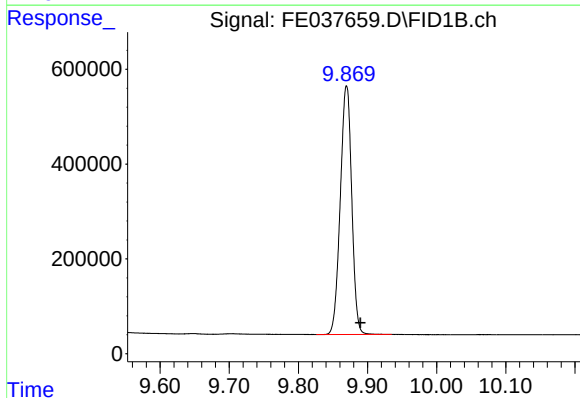
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/20/2022



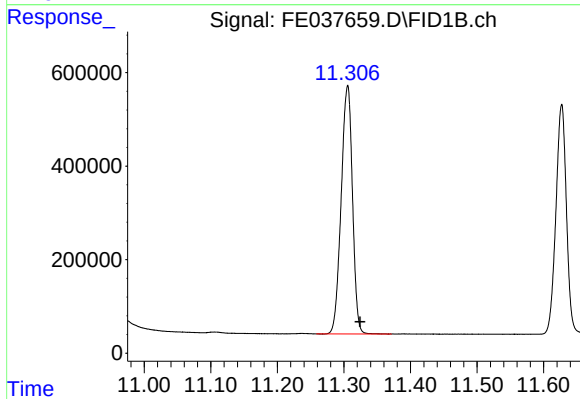
#6 n-Tetradecane (C14)

R.T.: 9.870 min
Delta R.T.: -0.020 min
Response: 6035928
Conc: 38.09 ug/ml



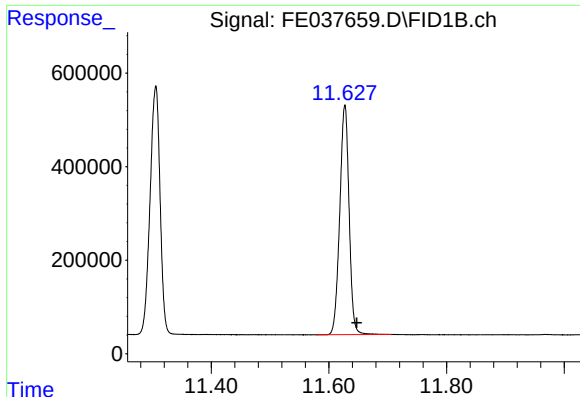
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: -0.020 min
Response: 6035928
Conc: 38.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.019 min
Response: 6264522
Conc: 39.34 ug/ml



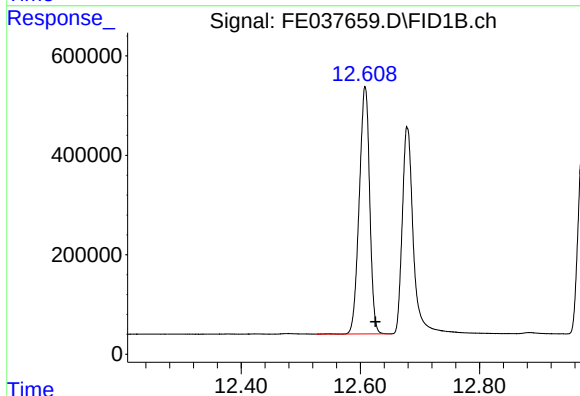
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 5417094
Conc: 32.06 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-4MS

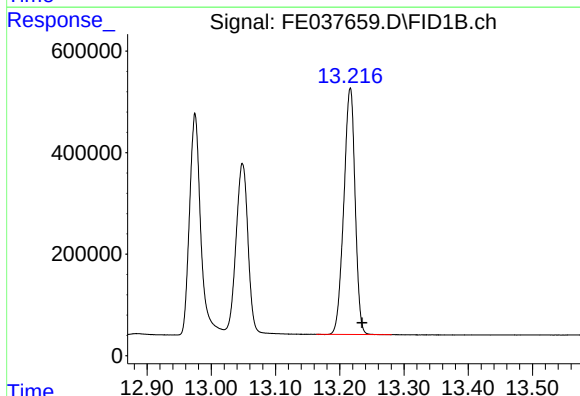
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/20/2022



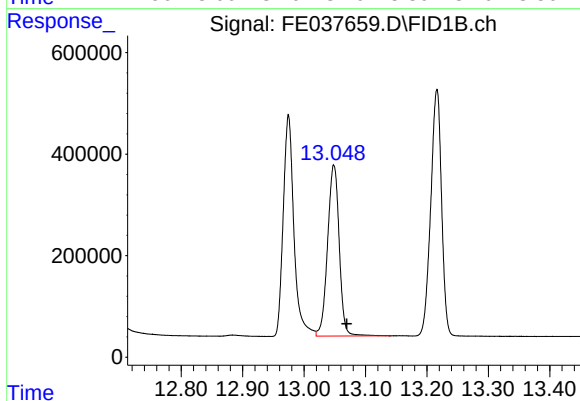
#10 n-Eicosane (C20)

R.T.: 12.608 min
Delta R.T.: -0.017 min
Response: 6041615
Conc: 38.18 ug/ml



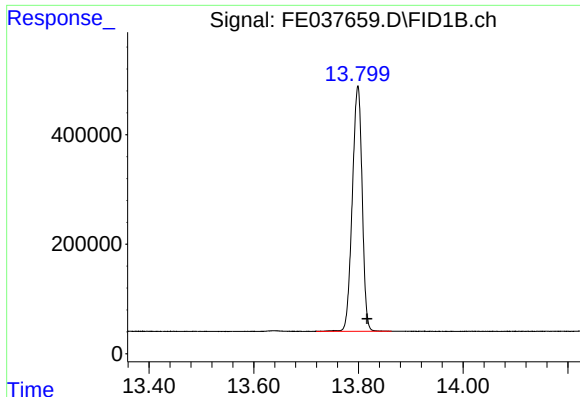
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.018 min
Response: 5934438
Conc: 37.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: -0.021 min
Response: 4437633
Conc: 34.48 ug/ml



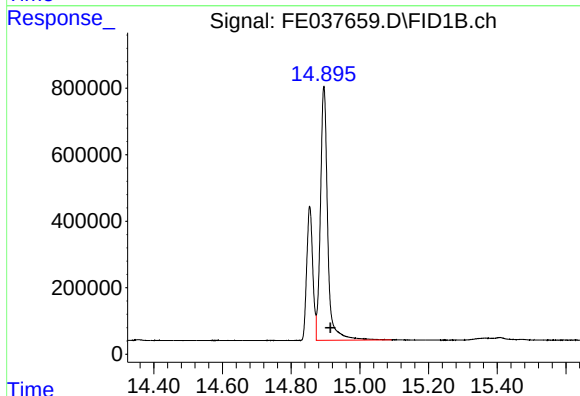
#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: -0.017 min
Response: 5851947
Conc: 37.59 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-4MS

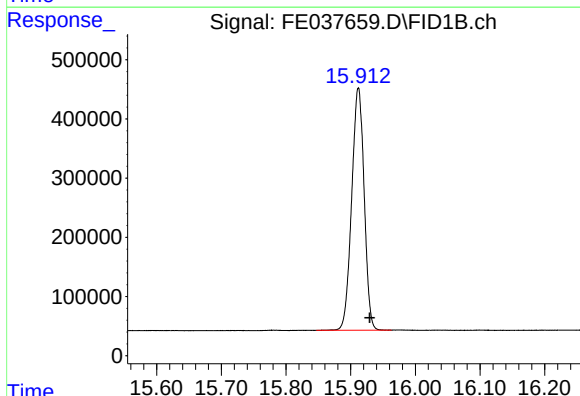
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/20/2022



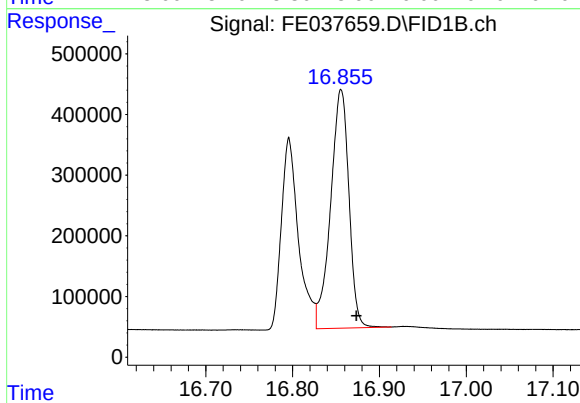
#14 n-Tetracosane (C24)

R.T.: 14.895 min
Delta R.T.: -0.019 min
Response: 11186622
Conc: 74.38 ug/ml



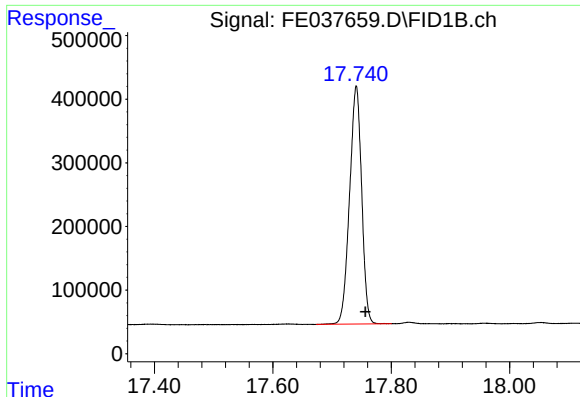
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.018 min
Response: 5490176
Conc: 37.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: -0.018 min
Response: 5765046
Conc: 41.61 ug/ml



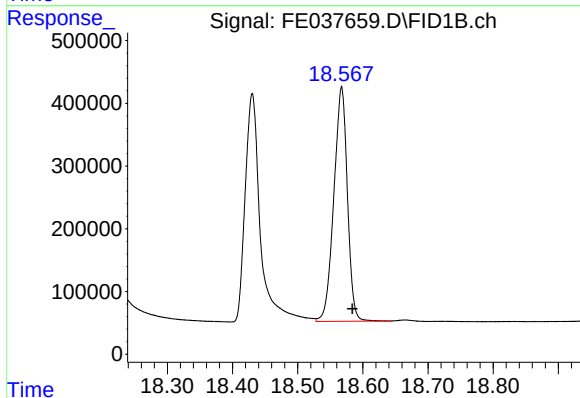
#17 n-Tricontane (C30)

R.T.: 17.741 min
Delta R.T.: -0.016 min
Response: 5291718
Conc: 38.90 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-4MS

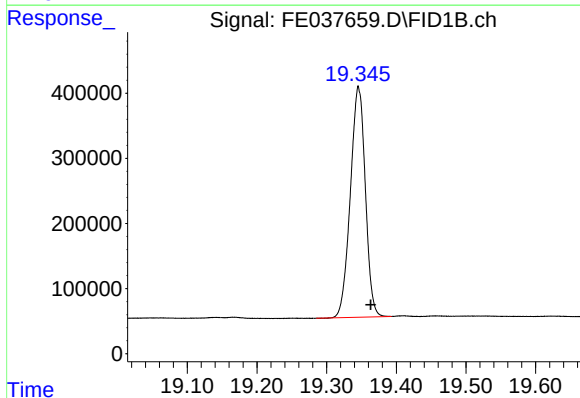
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/20/2022



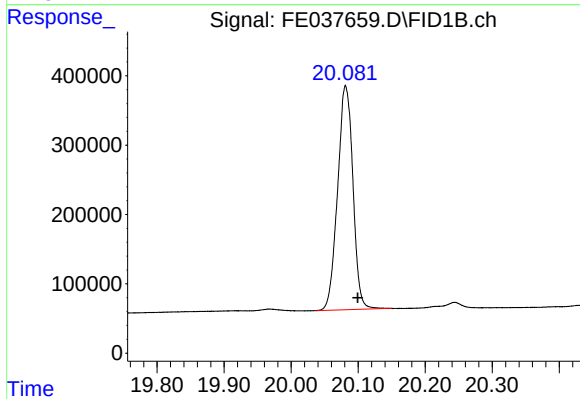
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.017 min
Response: 5402149
Conc: 40.46 ug/ml



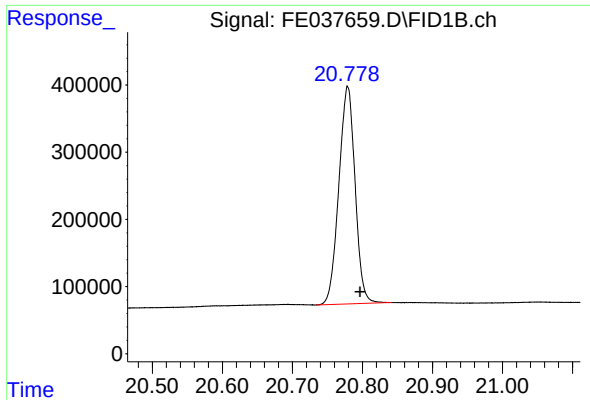
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.018 min
Response: 5290109
Conc: 41.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.019 min
Response: 5126828
Conc: 39.86 ug/ml m



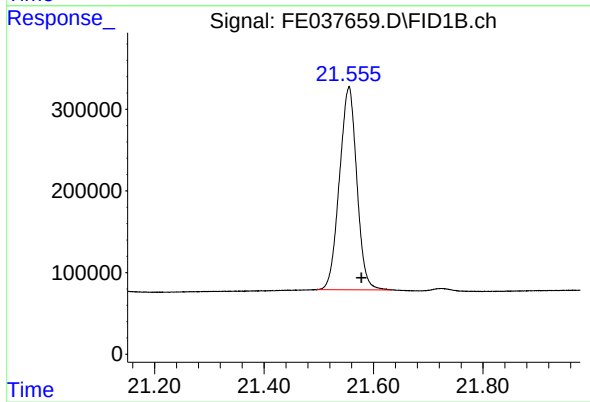
#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.018 min
Response: 5210519
Conc: 41.87 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-4MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/20/2022



#22 n-Tetracontane (C40)

R.T.: 21.555 min
Delta R.T.: -0.023 min
Response: 5475127
Conc: 42.47 ug/ml m