

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623AL\
 Data File : FE041209.D
 Signal(s) : FID1B.ch
 Acq On : 06 Apr 2023 23:43
 Operator : YP\AJ
 Sample : 02206-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11929MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
 Quant Time: Apr 07 03:20:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.846	6275473	33.391 ug/ml
Spiked Amount 50.000		Recovery =	66.78%
12) S 1-chlorooctadecane (S...	13.285	5287747	36.751 ug/ml
Spiked Amount 50.000		Recovery =	73.50%
Target Compounds			
1) T n-Nonane (C9)	3.245	4356062	25.105 ug/ml
2) T n-Decane (C10)	4.493	4855262	28.524 ug/ml
3) T A~Naphthalene (C11.7)	6.192	5517118	30.163 ug/ml
4) T n-Dodecane (C12)	6.655	5439510	31.359 ug/ml
5) T A~2-methylnaphthalene...	7.287	5496195	33.187 ug/ml
6) T n-Tetradecane (C14)	8.483	5920539	33.955 ug/ml
7) T n-Hexadecane (C16)	10.089	6610294	37.167 ug/ml
8) T n-Octadecane (C18)	11.532	6770490	37.919 ug/ml
10) T n-Eicosane (C20)	12.841	6687590	39.206 ug/ml
11) T n-Heneicosane (C21)	13.453	6376943	37.692 ug/ml
13) T n-Docosane (C22)	14.039	6291476	38.018 ug/ml
14) T n-Tetracosane (C24)	15.139	5353891	33.092 ug/mlm
15) T n-Hexacosane (C26)	16.167	5878688	37.923 ug/ml
16) T n-Octacosane (C28)	17.116	5885732	38.423 ug/ml
17) T n-Tricontane (C30)	18.007	5874440	38.431 ug/ml
18) T n-Dotriacontane (C32)	18.838	5795711	37.121 ug/ml
19) T n-Tetratriacontane (C34)	19.626	5775559	37.269 ug/mlm
20) T n-Hexatriacontane (C36)	20.366	5859956	38.578 ug/ml
21) T n-Octatriacontane (C38)	21.092	6014251	38.499 ug/mlm
22) T n-Tetracontane (C40)	21.974	6275802	39.321 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623AL\
Data File : FE041209.D
Signal(s) : FID1B.ch
Acq On : 06 Apr 2023 23:43
Operator : YP\AJ
Sample : 02206-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

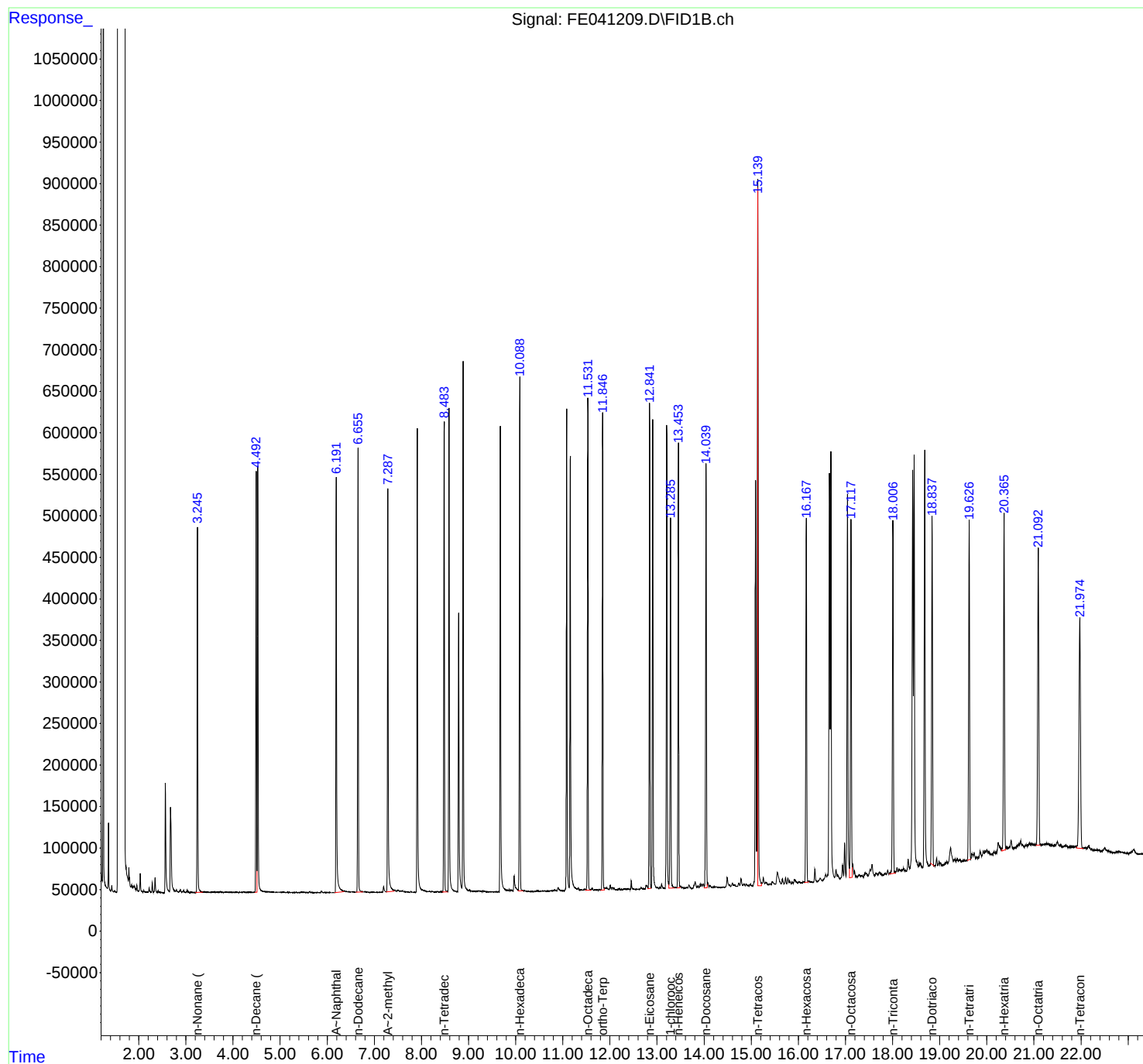
Instrument :
FID_E
ClientSampleId :
72-11929MS

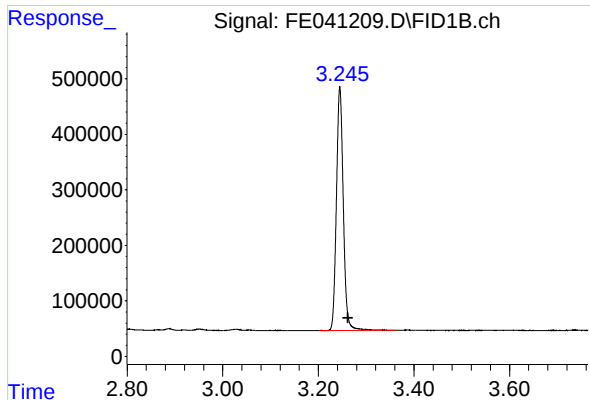
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
Quant Time: Apr 07 03:20:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:32:15 2023
Response via : Initial Calibration
Integrator: ChemStation

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





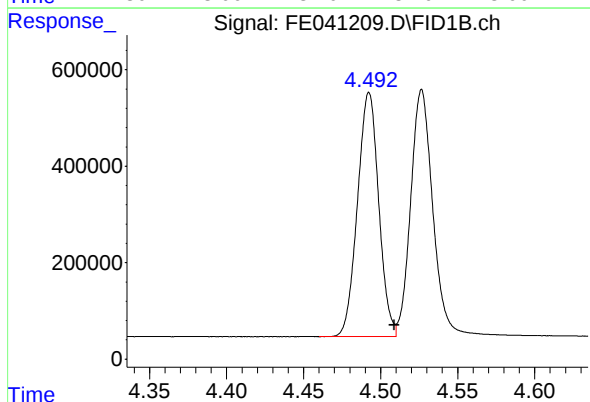
#1 n-Nonane (C9)

R.T.: 3.245 min
Delta R.T.: -0.017 min
Response: 4356062
Conc: 25.11 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11929MS

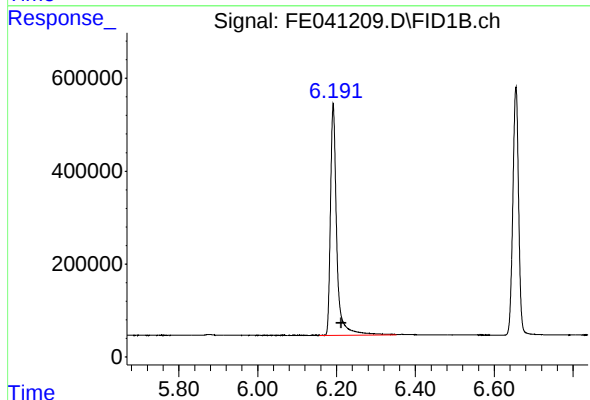
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



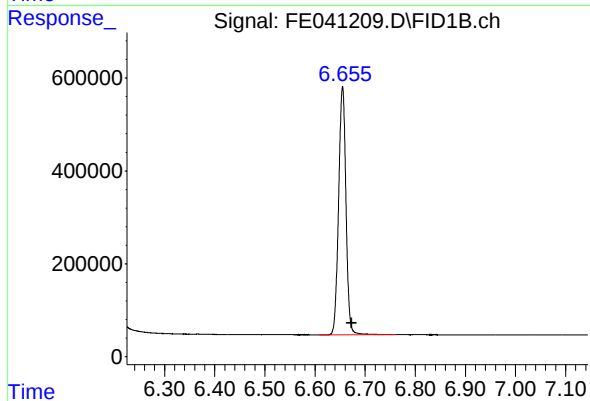
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.016 min
Response: 4855262
Conc: 28.52 ug/ml



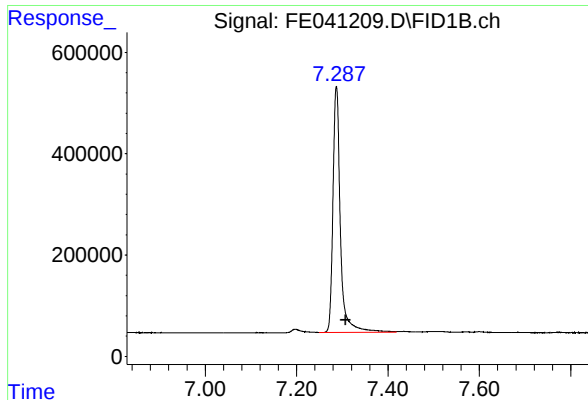
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: -0.020 min
Response: 5517118
Conc: 30.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.655 min
Delta R.T.: -0.018 min
Response: 5439510
Conc: 31.36 ug/ml



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

R.T.: 7.287 min
Delta R.T.: -0.020 min
Response: 5496195
Conc: 33.19 ug/ml

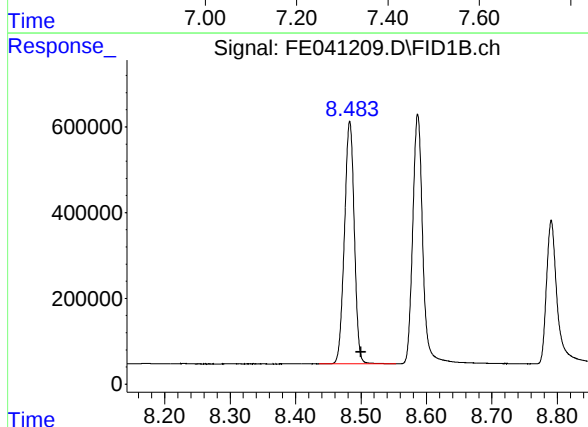
Instrument :

FID_E

ClientSampleId :
72-11929MS

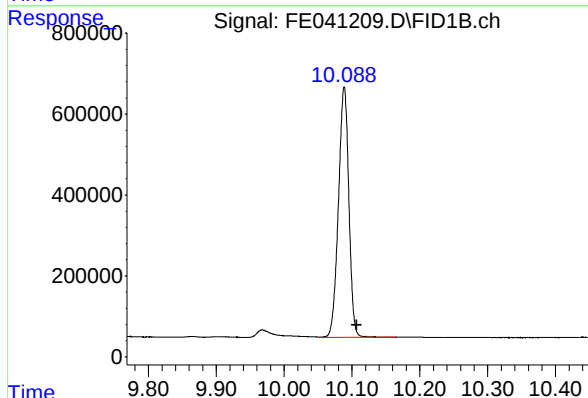
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



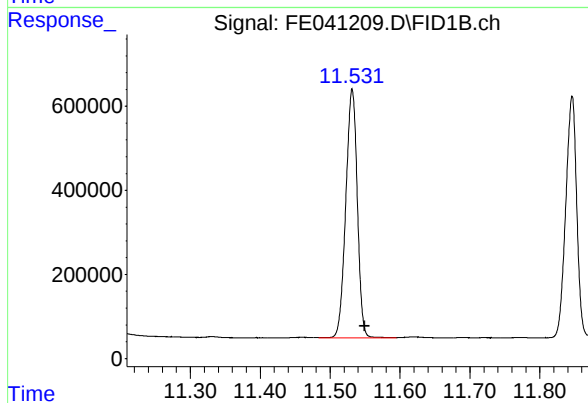
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: -0.017 min
Response: 5920539
Conc: 33.95 ug/ml



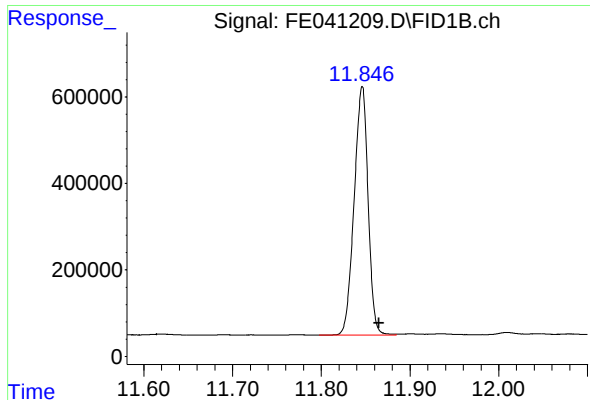
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: -0.018 min
Response: 6610294
Conc: 37.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.532 min
Delta R.T.: -0.018 min
Response: 6770490
Conc: 37.92 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: -0.019 min
Response: 6275473
Conc: 33.39 ug/ml

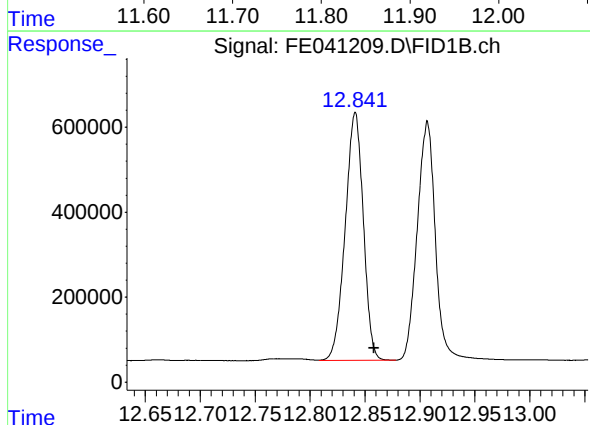
Instrument :

FID_E

ClientSampleId :
72-11929MS

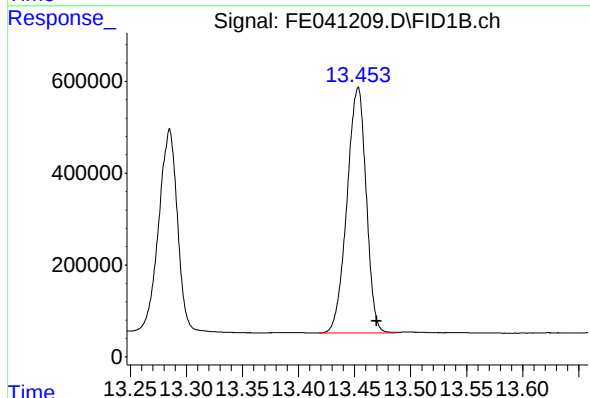
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



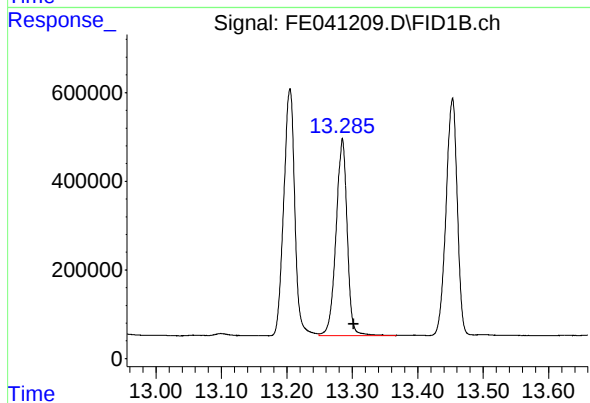
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.017 min
Response: 6687590
Conc: 39.21 ug/ml



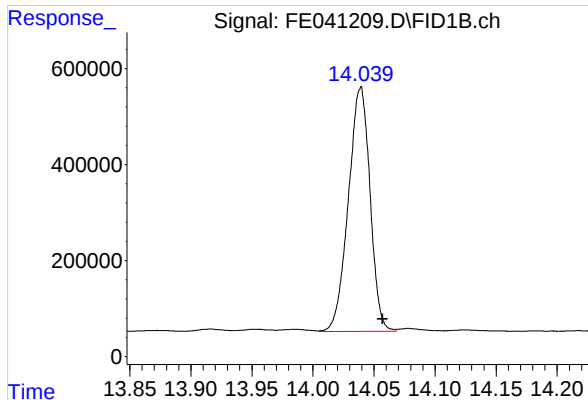
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.017 min
Response: 6376943
Conc: 37.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.017 min
Response: 5287747
Conc: 36.75 ug/ml



#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.018 min
Response: 6291476
Conc: 38.02 ug/ml

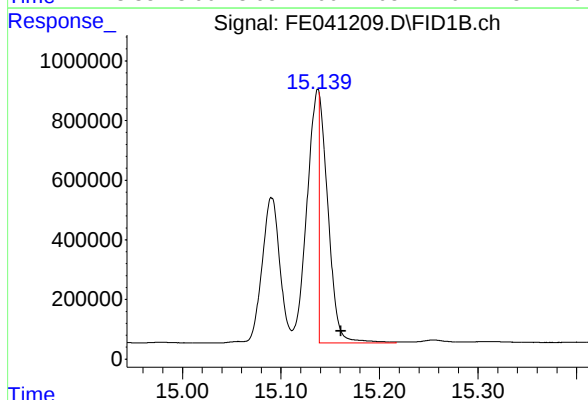
Instrument :

FID_E

ClientSampleId :
72-11929MS

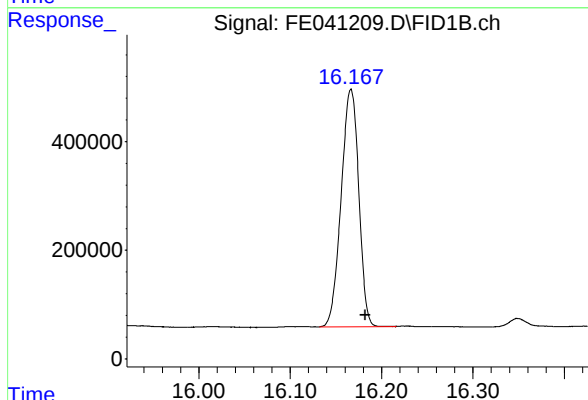
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



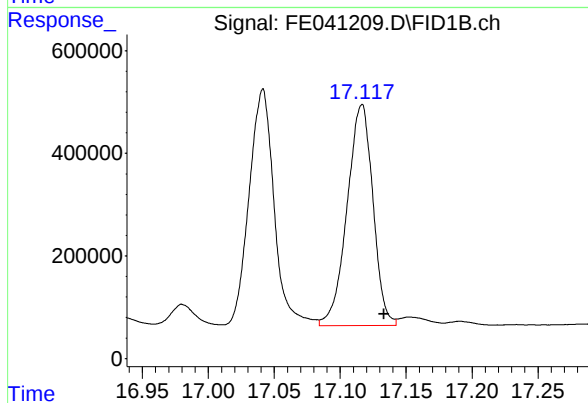
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.022 min
Response: 5353891
Conc: 33.09 ug/ml



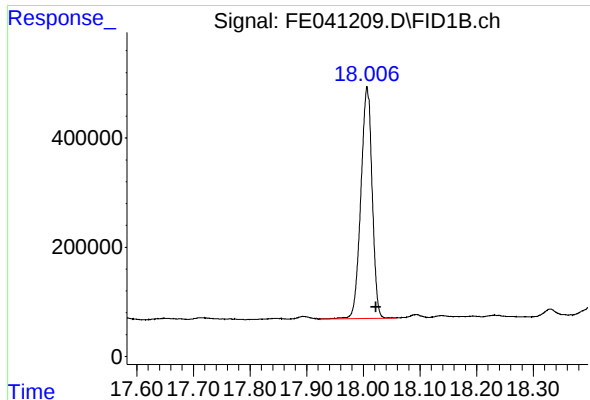
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.015 min
Response: 5878688
Conc: 37.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.017 min
Response: 5885732
Conc: 38.42 ug/ml



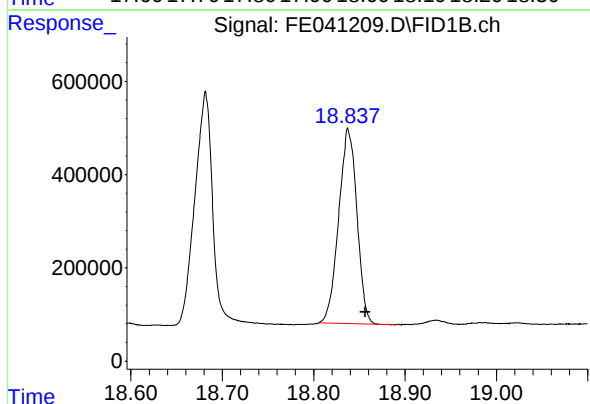
#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: -0.016 min
Response: 5874440
Conc: 38.43 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11929MS

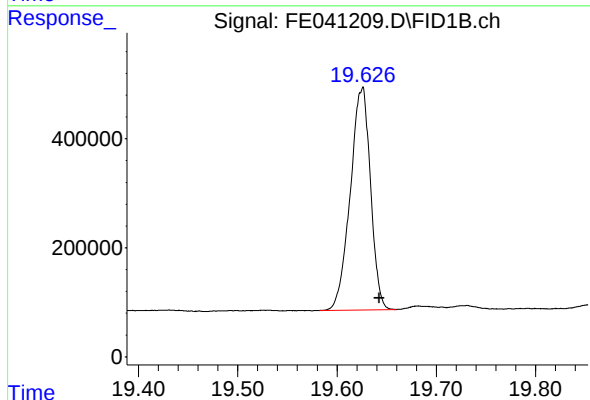
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



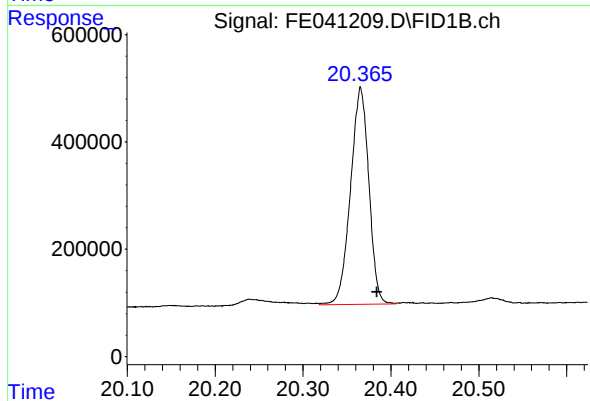
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.019 min
Response: 5795711
Conc: 37.12 ug/ml



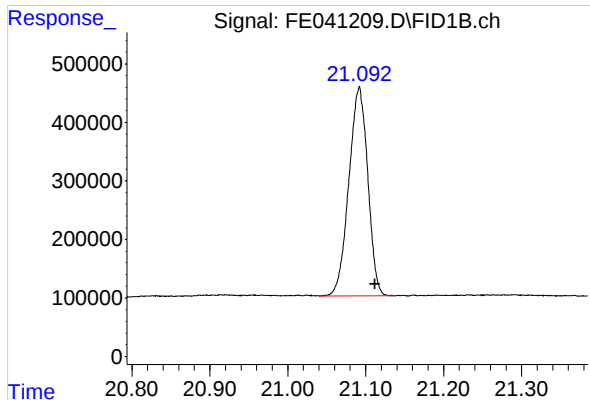
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.016 min
Response: 5775559
Conc: 37.27 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.018 min
Response: 5859956
Conc: 38.58 ug/ml



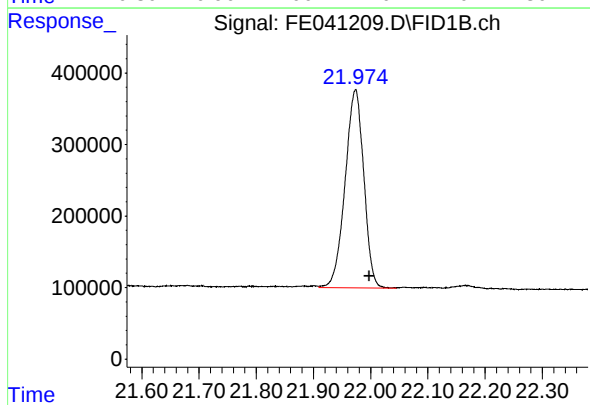
#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.020 min
Response: 6014251
Conc: 38.50 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11929MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.024 min
Response: 6275802
Conc: 39.32 ug/ml