

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041822AL\
 Data File : FC059290.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2022 20:24
 Operator : UA/NP
 Sample : N2449-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

22L091-BMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2022

Supervised By :mohammad ahmed 04/20/2022

Integration File: autoint1.e

Quant Time: Apr 19 03:16:01 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M

Quant Title : GC Extractables

QLast Update : Fri Mar 25 23:18:46 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.105	4247997	29.483 ug/ml
Spiked Amount 50.000		Recovery =	58.97%
12) S 1-chlorooctadecane (S...	12.553	3412103	30.440 ug/ml
Spiked Amount 50.000		Recovery =	60.88%
Target Compounds			
1) T n-Nonane (C9)	2.966	3422404	27.927 ug/ml
2) T n-Decane (C10)	4.008	3868177	31.565 ug/ml
3) T A~Naphthalene (C11.7)	5.554	4285428	34.132 ug/ml
4) T n-Dodecane (C12)	6.004	4244259	33.229 ug/ml
5) T A~2-methylnaphthalene...	6.603	4395349	34.286 ug/ml
6) T n-Tetradecane (C14)	7.789	4607106	35.433 ug/ml
7) T n-Hexadecane (C16)	9.379	4922987	37.073 ug/ml
8) T n-Octadecane (C18)	10.814	5231478	39.348 ug/ml
10) T n-Eicosane (C20)	12.117	5086230	38.819 ug/ml
11) T n-Heneicosane (C21)	12.725	5006740	38.372 ug/ml
13) T n-Docosane (C22)	13.309	4950064	38.211 ug/ml
14) T n-Tetracosane (C24)	14.406	5351447	42.363 ug/ml
15) T n-Hexacosane (C26)	15.423	4767105	39.465 ug/mlm
16) T n-Octacosane (C28)	16.369	4805461	40.583 ug/ml
17) T n-Tricontane (C30)	17.255	4522388	39.643 ug/mlm
18) T n-Dotriacontane (C32)	18.084	4511613	42.113 ug/ml
19) T n-Tetratriacontane (C34)	18.865	4029627	39.883 ug/ml
20) T n-Hexatriacontane (C36)	19.603	3641485	38.111 ug/ml
21) T n-Octatriacontane (C38)	20.301	3188256	34.648 ug/ml
22) T n-Tetracontane (C40)	21.045	2815647	30.296 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041822AL\
Data File : FC059290.D
Signal(s) : FID1A.CH
Acq On : 18 Apr 2022 20:24
Operator : UA/NP
Sample : N2449-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

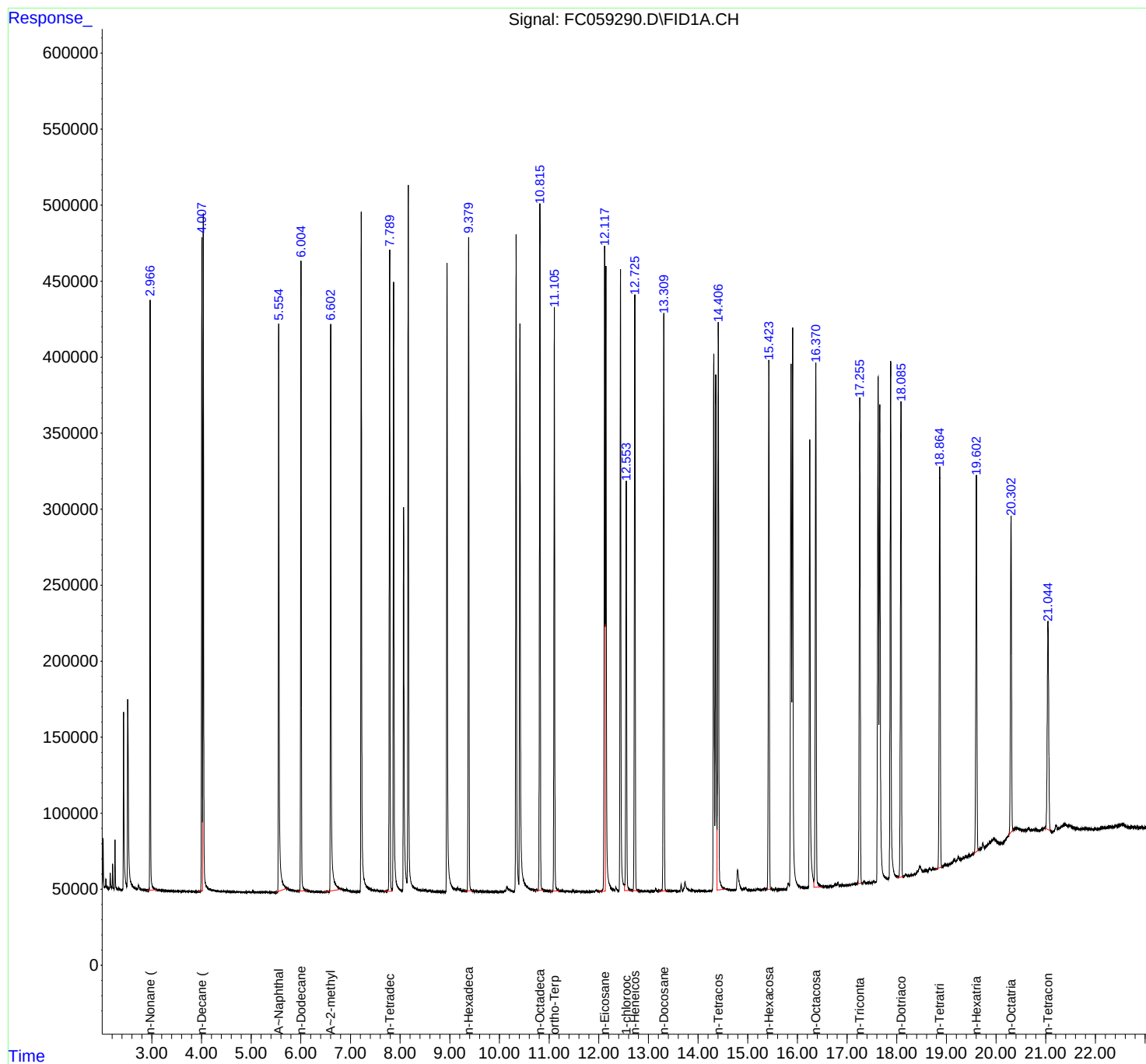
Instrument :
FID_C
ClientSampleId :
22L091-BMS

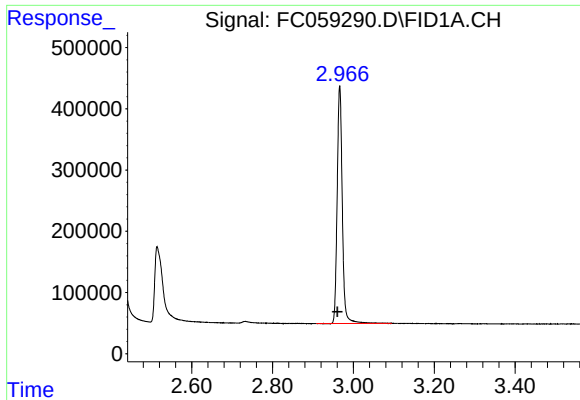
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2022
Supervised By :mohammad ahmed 04/20/2022

Integration File: autoint1.e
Quant Time: Apr 19 03:16:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
Quant Title : GC Extractables
QLast Update : Fri Mar 25 23:18:46 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





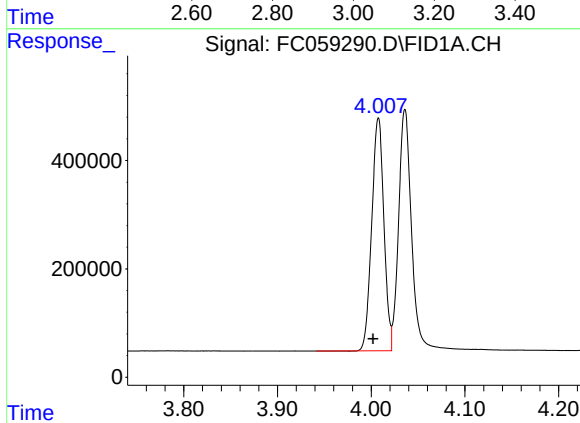
#1 n-Nonane (C9)

R.T.: 2.966 min
Delta R.T.: 0.005 min
Response: 3422404
Conc: 27.93 ug/ml

Instrument :
FID_C
ClientSampleId :
22L091-BMS

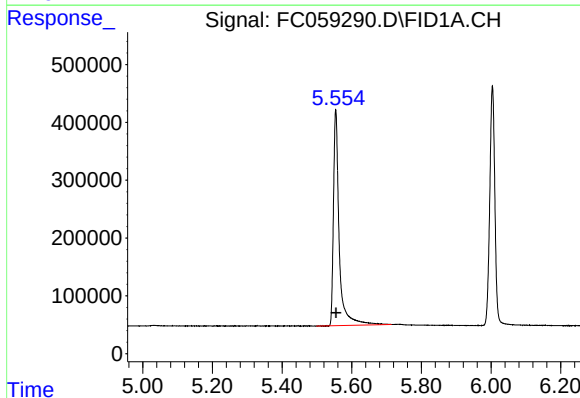
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2022
Supervised By :mohammad ahmed 04/20/2022



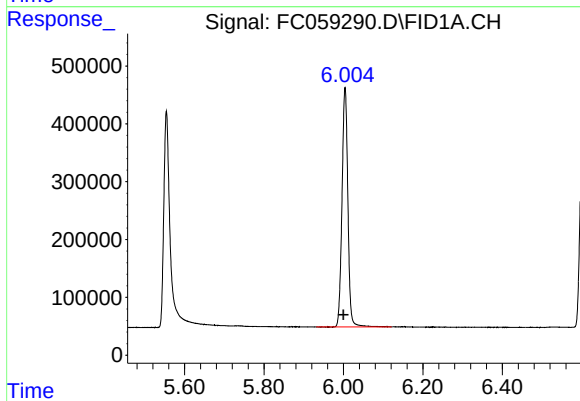
#2 n-Decane (C10)

R.T.: 4.008 min
Delta R.T.: 0.006 min
Response: 3868177
Conc: 31.57 ug/ml



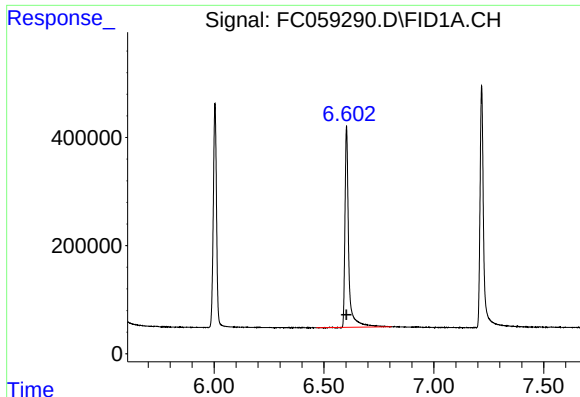
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 4285428
Conc: 34.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 4244259
Conc: 33.23 ug/ml



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

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 4395349
Conc: 34.29 ug/ml

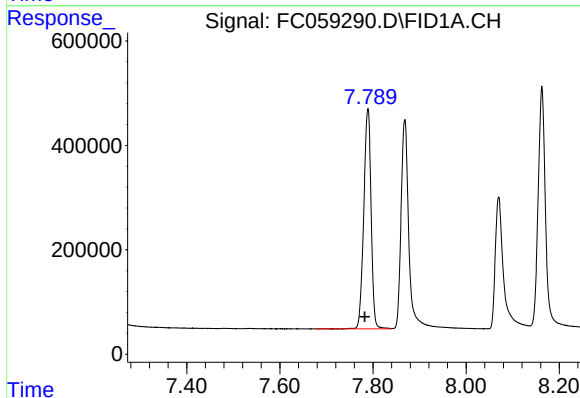
Instrument :

FID_C

ClientSampleId :
22L091-BMS

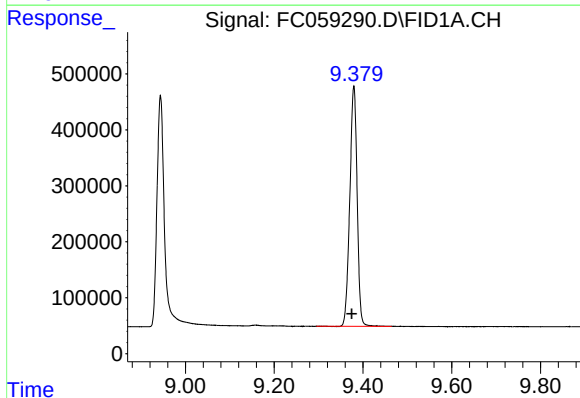
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2022
Supervised By :mohammad ahmed 04/20/2022



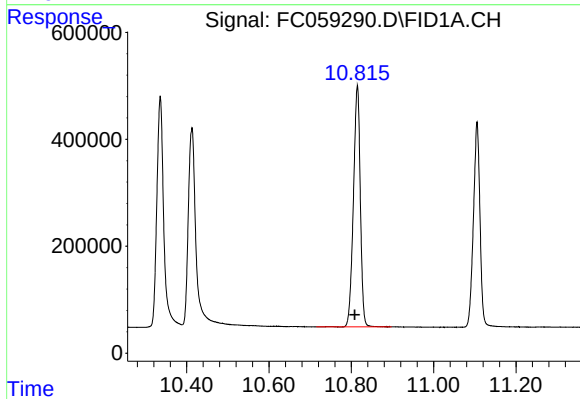
#6 n-Tetradecane (C14)

R.T.: 7.789 min
Delta R.T.: 0.007 min
Response: 4607106
Conc: 35.43 ug/ml



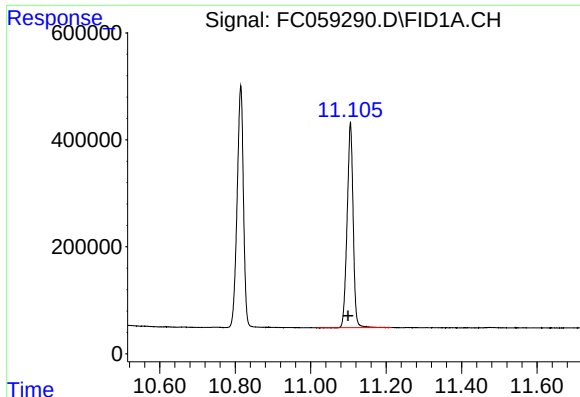
#7 n-Hexadecane (C16)

R.T.: 9.379 min
Delta R.T.: 0.005 min
Response: 4922987
Conc: 37.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.814 min
Delta R.T.: 0.006 min
Response: 5231478
Conc: 39.35 ug/ml



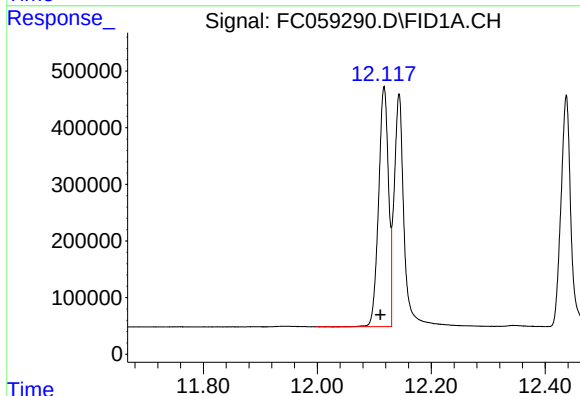
#9 ortho-Terphenyl (SURR)

R.T.: 11.105 min
Delta R.T.: 0.007 min
Response: 4247997
Conc: 29.48 ug/ml

Instrument :
FID_C
ClientSampleId :
22L091-BMS

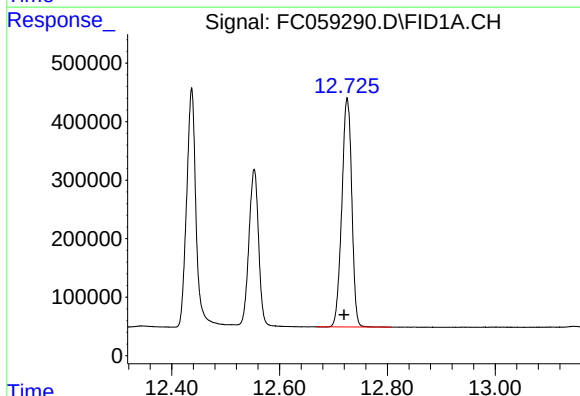
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2022
Supervised By :mohammad ahmed 04/20/2022



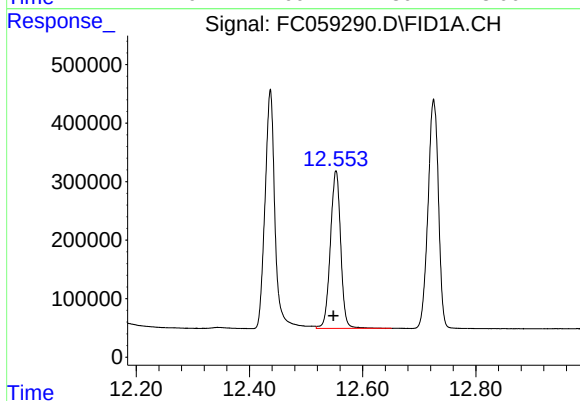
#10 n-Eicosane (C20)

R.T.: 12.117 min
Delta R.T.: 0.007 min
Response: 5086230
Conc: 38.82 ug/ml



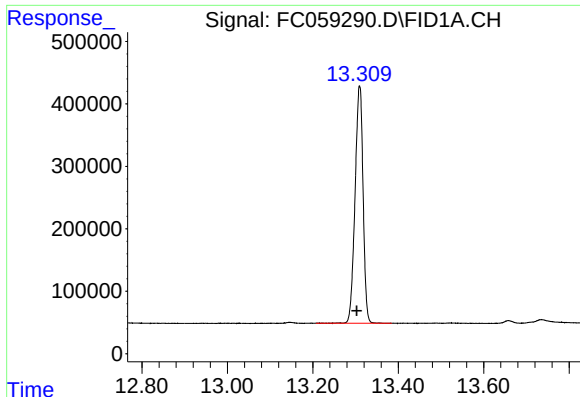
#11 n-Heneicosane (C21)

R.T.: 12.725 min
Delta R.T.: 0.006 min
Response: 5006740
Conc: 38.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.553 min
Delta R.T.: 0.004 min
Response: 3412103
Conc: 30.44 ug/ml



#13 n-Docosane (C22)

R.T.: 13.309 min
Delta R.T.: 0.006 min
Response: 4950064
Conc: 38.21 ug/ml

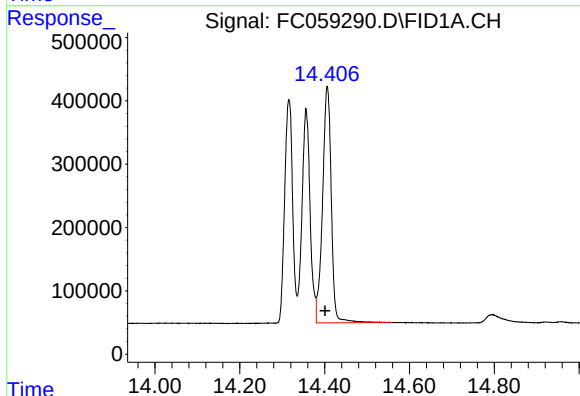
Instrument :

FID_C

ClientSampleId :
22L091-BMS

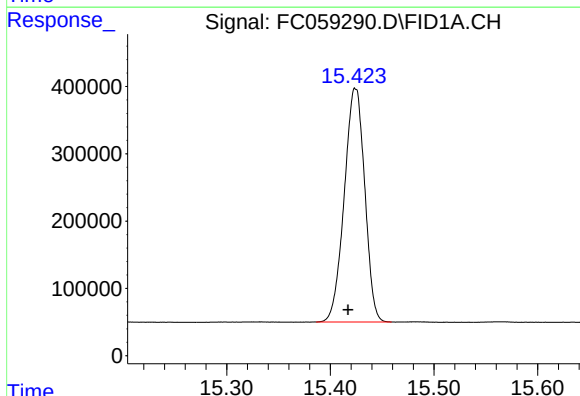
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2022
Supervised By :mohammad ahmed 04/20/2022



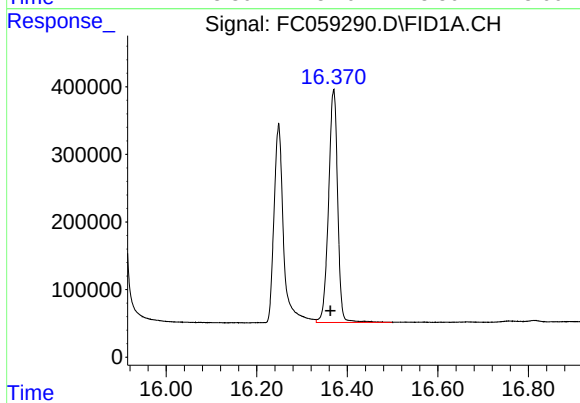
#14 n-Tetracosane (C24)

R.T.: 14.406 min
Delta R.T.: 0.005 min
Response: 5351447
Conc: 42.36 ug/ml



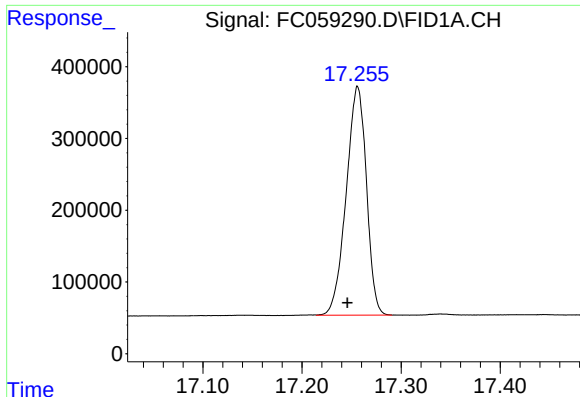
#15 n-Hexacosane (C26)

R.T.: 15.423 min
Delta R.T.: 0.006 min
Response: 4767105
Conc: 39.47 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.369 min
Delta R.T.: 0.007 min
Response: 4805461
Conc: 40.58 ug/ml



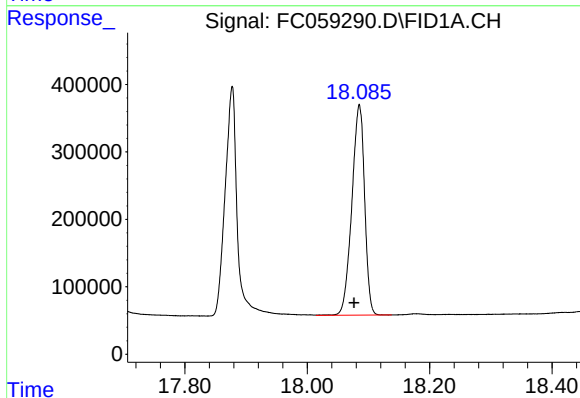
#17 n-Tricontane (C30)

R.T.: 17.255 min
Delta R.T.: 0.009 min
Response: 4522388
Conc: 39.64 ug/ml

Instrument :
FID_C
ClientSampleId :
22L091-BMS

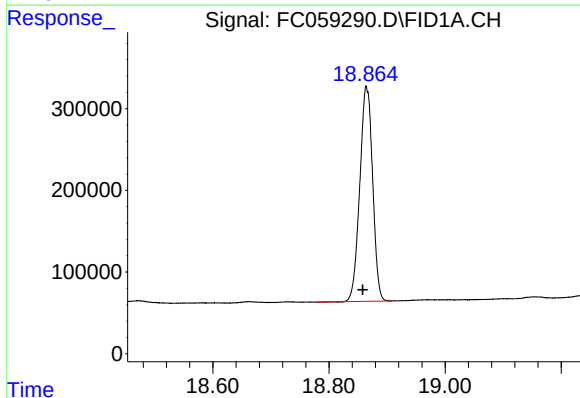
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2022
Supervised By :mohammad ahmed 04/20/2022



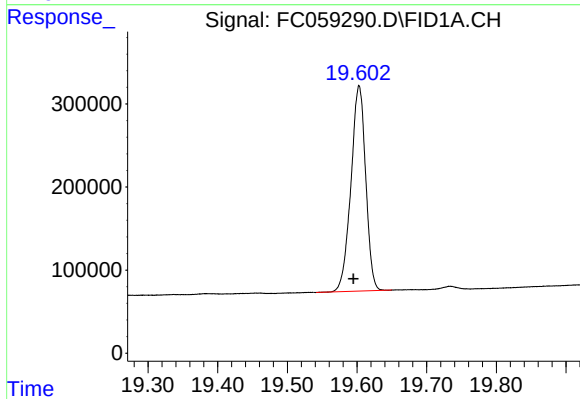
#18 n-Dotriacontane (C32)

R.T.: 18.084 min
Delta R.T.: 0.008 min
Response: 4511613
Conc: 42.11 ug/ml



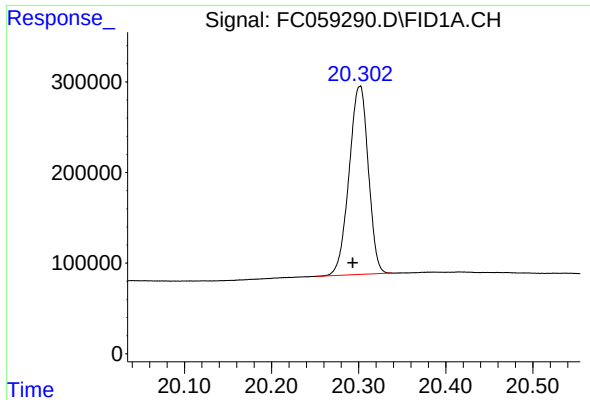
#19 n-Tetratriacontane (C34)

R.T.: 18.865 min
Delta R.T.: 0.007 min
Response: 4029627
Conc: 39.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.603 min
Delta R.T.: 0.008 min
Response: 3641485
Conc: 38.11 ug/ml



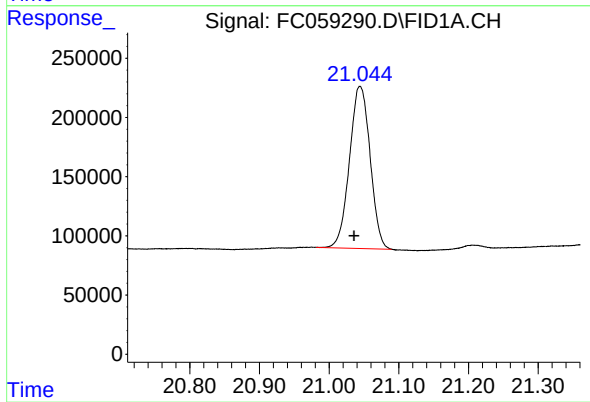
#21 n-Octatriacontane (C38)

R.T.: 20.301 min
Delta R.T.: 0.008 min
Response: 3188256
Conc: 34.65 ug/ml

Instrument :
FID_C
ClientSampleId :
22L091-BMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2022
Supervised By :mohammad ahmed 04/20/2022



#22 n-Tetracontane (C40)

R.T.: 21.045 min
Delta R.T.: 0.009 min
Response: 2815647
Conc: 30.30 ug/ml