

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072221AL\
 Data File : FC054779.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jul 2021 13:38
 Operator : AJ\MA
 Sample : PB137865BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB137865BS

Manual Integrations
 APPROVED

mohammad
 7/23/2021 4:30:13 PM

Integration File: autoint1.e
 Quant Time: Jul 23 02:04:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 2021
 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			
12) S 1-chlorooctadecane (S...	12.753	3082686	27.731 ug/mlm
Spiked Amount 50.000		Recovery =	55.46%
Target Compounds			
1) T n-Nonane (C9)	3.133	3103468	27.048 ug/ml
2) T n-Decane (C10)	4.185	4172289	35.902 ug/ml
4) T n-Dodecane (C12)	6.189	5153153	43.115 ug/ml
6) T n-Tetradecane (C14)	7.977	5426428	44.111 ug/ml
7) T n-Hexadecane (C16)	9.572	5692937	45.159 ug/ml
8) T n-Octadecane (C18)	11.009	6218368	47.441 ug/ml
10) T n-Eicosane (C20)	12.315	6227593	47.263 ug/ml
11) T n-Heneicosane (C21)	12.926	6310091	47.381 ug/ml
13) T n-Docosane (C22)	13.510	6309216	47.643 ug/ml
14) T n-Tetracosane (C24)	14.610	6395398	48.508 ug/ml
15) T n-Hexacosane (C26)	15.628	6215686	48.325 ug/ml
16) T n-Octacosane (C28)	16.576	5971651	45.341 ug/ml
17) T n-Tricontane (C30)	17.461	5460877	38.375 ug/ml
18) T n-Dotriacontane (C32)	18.292	5018162	40.549 ug/ml
19) T n-Tetratriacontane (C34)	19.074	4467566	43.632 ug/ml
20) T n-Hexatriacontane (C36)	19.813	4130502	43.613 ug/ml
21) T n-Octatriacontane (C38)	20.516	4002761	42.989 ug/ml
22) T n-Tetracontane (C40)	21.329	4113918	42.387 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072221AL\
Data File : FC054779.D
Signal(s) : FID1A.CH
Acq On : 22 Jul 2021 13:38
Operator : AJ\MA
Sample : PB137865BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

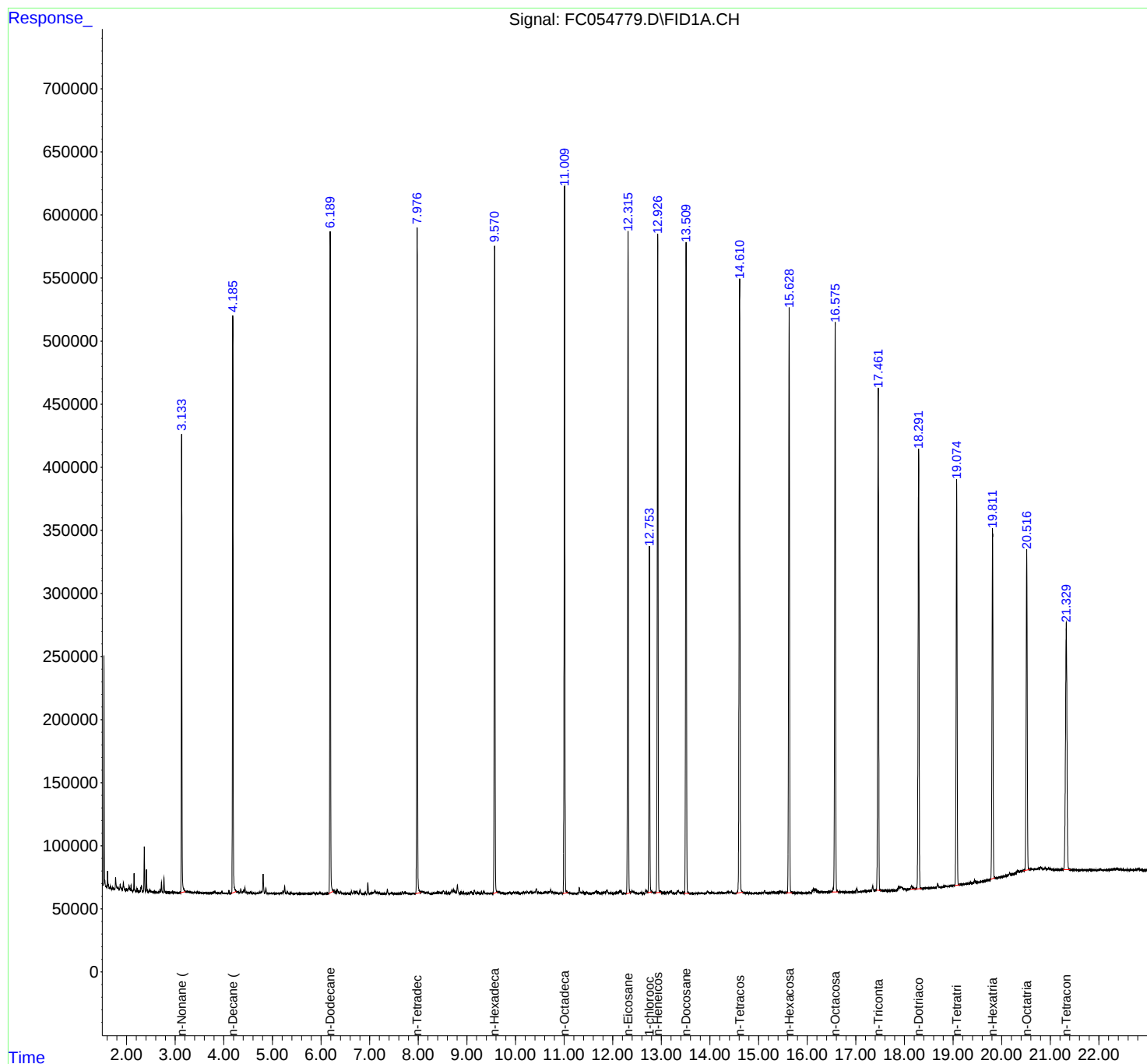
Instrument :
FID_C
ClientSampleId :
PB137865BS

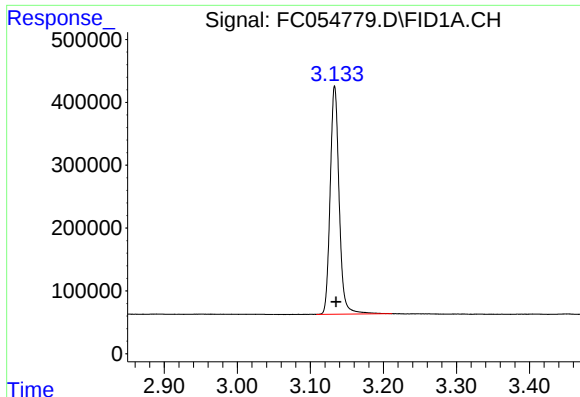
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:13 PM

Integration File: autoint1.e
Quant Time: Jul 23 02:04:09 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
Quant Title : GC Extractables
QLast Update : Wed Jul 21 03:37:32 2021
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





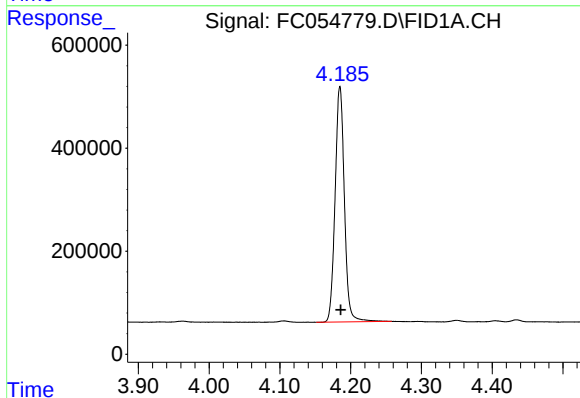
#1 n-Nonane (C9)

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 3103468
Conc: 27.05 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137865BS

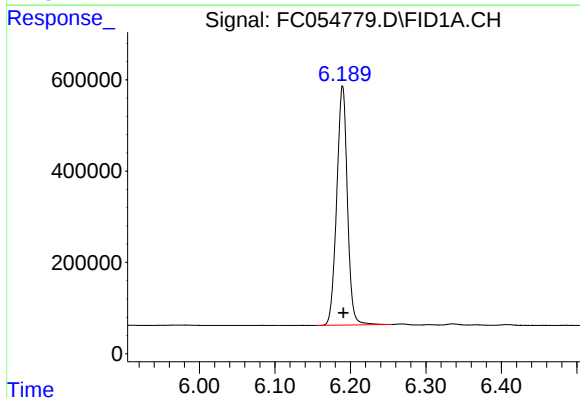
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:13 PM



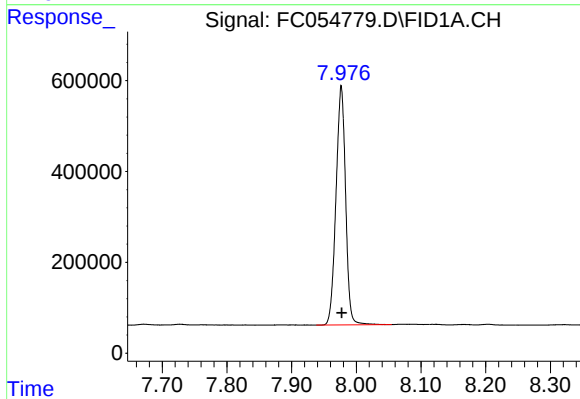
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 4172289
Conc: 35.90 ug/ml



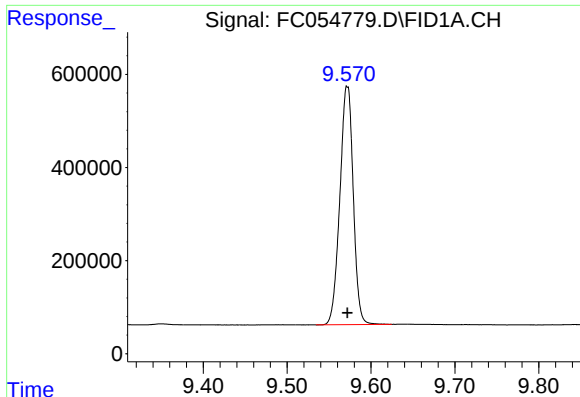
#4 n-Dodecane (C12)

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 5153153
Conc: 43.12 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 5426428
Conc: 44.11 ug/ml



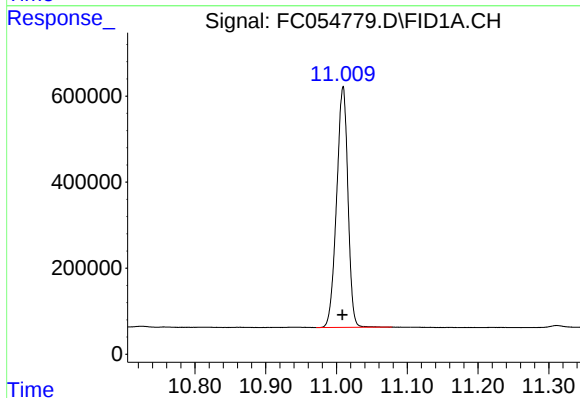
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: 0.000 min
Response: 5692937
Conc: 45.16 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137865BS

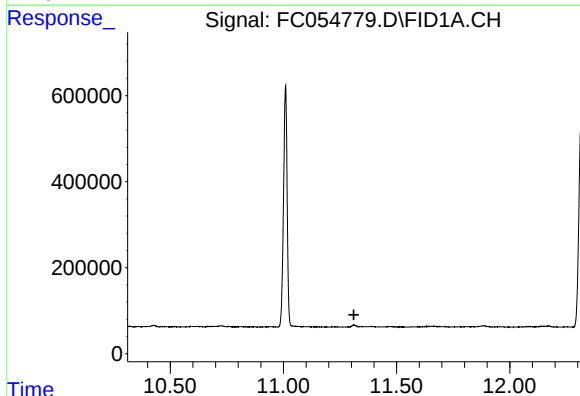
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:13 PM



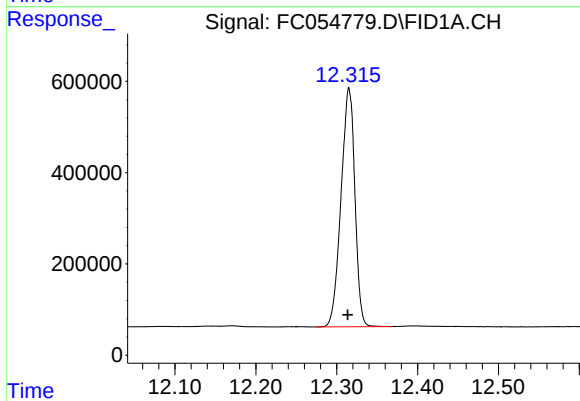
#8 n-Octadecane (C18)

R.T.: 11.009 min
Delta R.T.: 0.000 min
Response: 6218368
Conc: 47.44 ug/ml



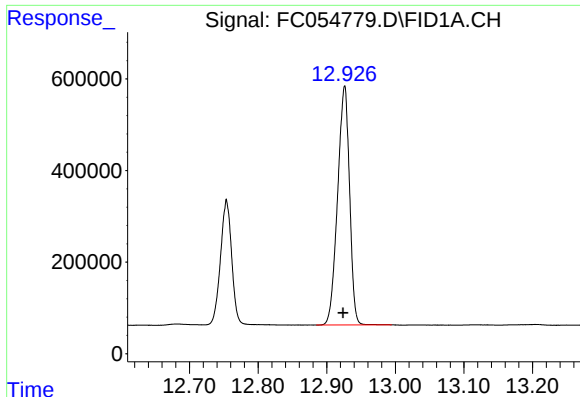
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.311 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.315 min
Delta R.T.: 0.001 min
Response: 6227593
Conc: 47.26 ug/ml



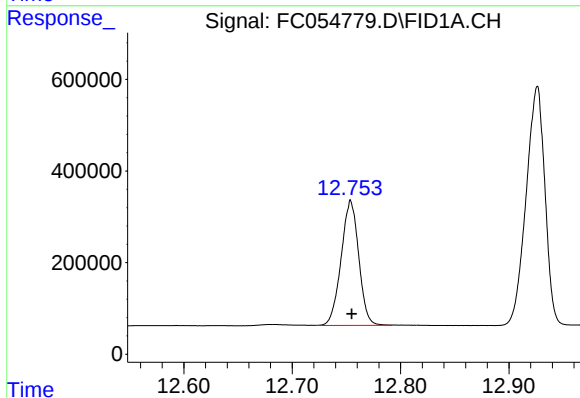
#11 n-Heneicosane (C21)

R.T.: 12.926 min
Delta R.T.: 0.002 min
Response: 6310091
Conc: 47.38 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137865BS

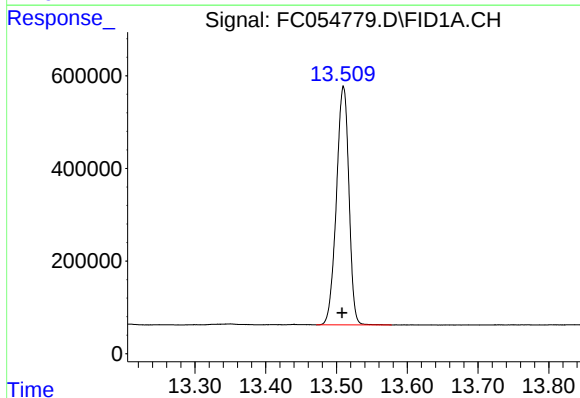
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:13 PM



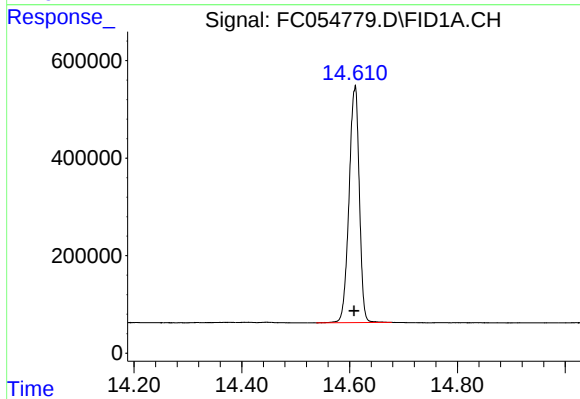
#12 1-chlorooctadecane (SURR)

R.T.: 12.753 min
Delta R.T.: -0.002 min
Response: 3082686
Conc: 27.73 ug/ml m



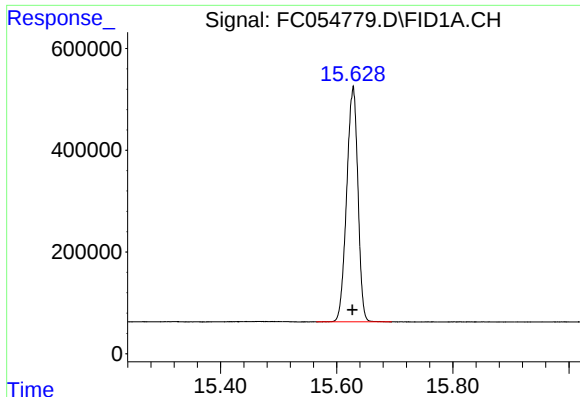
#13 n-Docosane (C22)

R.T.: 13.510 min
Delta R.T.: 0.002 min
Response: 6309216
Conc: 47.64 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.610 min
Delta R.T.: 0.001 min
Response: 6395398
Conc: 48.51 ug/ml



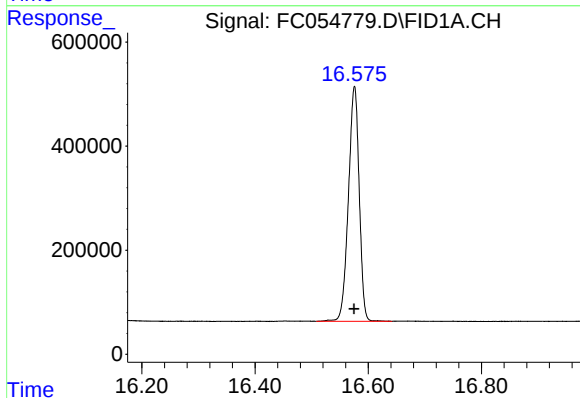
#15 n-Hexacosane (C26)

R.T.: 15.628 min
Delta R.T.: 0.000 min
Response: 6215686
Conc: 48.33 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137865BS

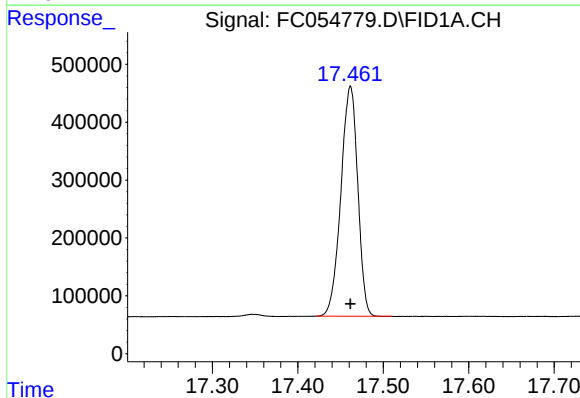
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:13 PM



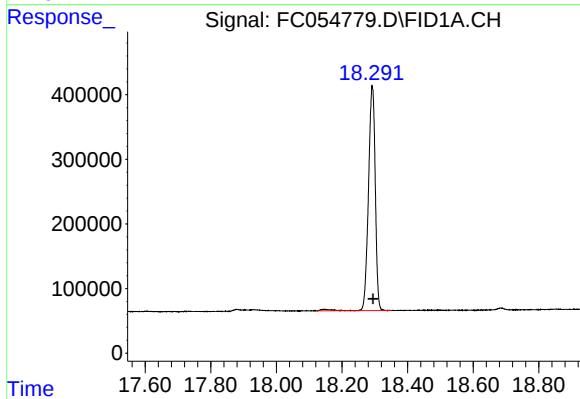
#16 n-Octacosane (C28)

R.T.: 16.576 min
Delta R.T.: 0.000 min
Response: 5971651
Conc: 45.34 ug/ml



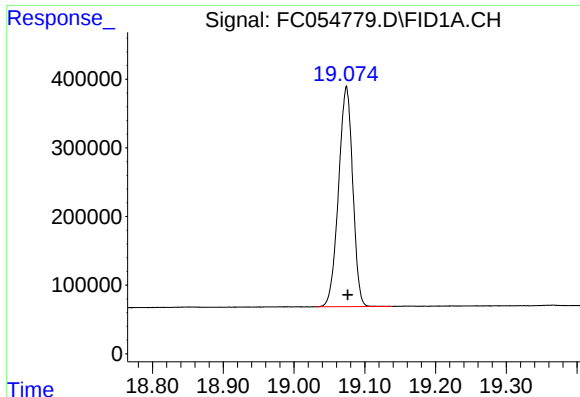
#17 n-Tricontane (C30)

R.T.: 17.461 min
Delta R.T.: 0.000 min
Response: 5460877
Conc: 38.37 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.292 min
Delta R.T.: -0.002 min
Response: 5018162
Conc: 40.55 ug/ml



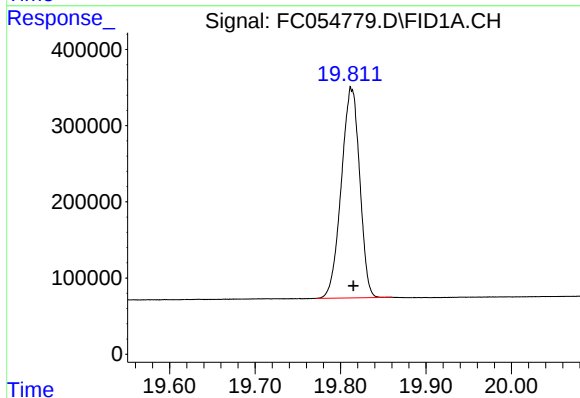
#19 n-Tetratriacontane (C34)

R.T.: 19.074 min
Delta R.T.: -0.002 min
Response: 4467566
Conc: 43.63 ug/ml

Instrument :
FID_C
ClientSampleId :
PB137865BS

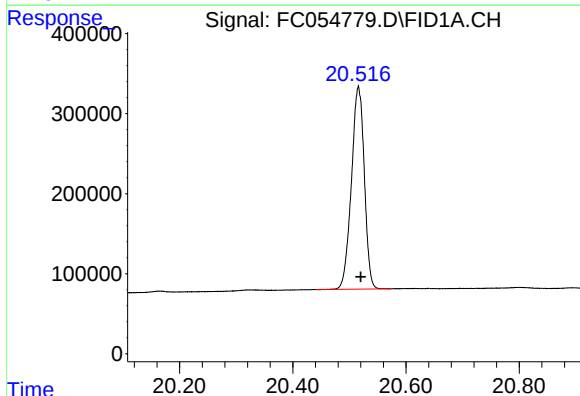
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:13 PM



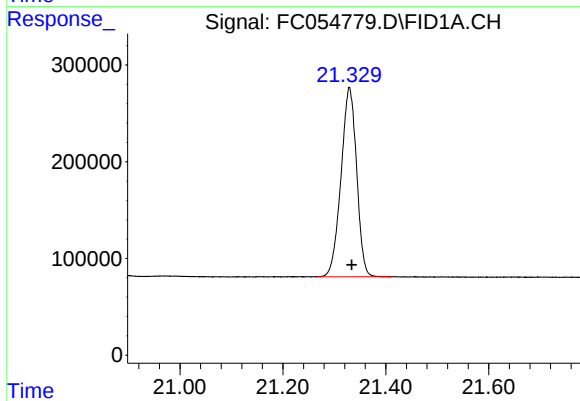
#20 n-Hexatriacontane (C36)

R.T.: 19.813 min
Delta R.T.: -0.003 min
Response: 4130502
Conc: 43.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.516 min
Delta R.T.: -0.004 min
Response: 4002761
Conc: 42.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.329 min
Delta R.T.: -0.004 min
Response: 4113918
Conc: 42.39 ug/ml