

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
 Data File : FE035110.D
 Signal(s) : FID1B.CH
 Acq On : 21 Feb 2022 17:11
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: sample.E
 Quant Time: Feb 22 01:19:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 01:19:17 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)	11.754	47557503	47.949 ug/ml
Spiked Amount 50.000		Recovery =	95.90%
12) S 1-chlorooctadecane (S...	13.167	37161848	48.065 ug/ml
Spiked Amount 50.000		Recovery =	96.13%
Target Compounds			
1) T n-Nonane (C9)	3.620	39716212	48.418 ug/ml
2) T n-Decane (C10)	4.622	40973768	48.623 ug/ml
3) T A~Naphthalene (C11.7)	6.181	45078460	48.033 ug/ml
4) T n-Dodecane (C12)	6.599	41816840	47.918 ug/ml
5) T A~2-methylnaphthalene...	7.233	45646653	48.184 ug/ml
6) T n-Tetradecane (C14)	8.384	42076996	48.082 ug/ml
7) T n-Hexadecane (C16)	9.979	42513975	47.891 ug/ml
8) T n-Octadecane (C18)	11.421	42935048	47.866 ug/ml
10) T n-Eicosane (C20)	12.722	42700469	47.859 ug/ml
11) T n-Heneicosane (C21)	13.334	42852965	47.868 ug/ml
13) T n-Docosane (C22)	13.917	42767075	48.012 ug/ml
14) T n-Tetracosane (C24)	15.015	42163808	48.092 ug/ml
15) T n-Hexacosane (C26)	16.031	40646702	48.344 ug/ml
16) T n-Octacosane (C28)	16.977	38047020	48.666 ug/ml
17) T n-Tricontane (C30)	17.856	33547305	48.661 ug/ml
18) T n-Dotriacontane (C32)	18.681	26917719	48.320 ug/ml
19) T n-Tetratriacontane (C34)	19.457	19811938	48.137 ug/ml
20) T n-Hexatriacontane (C36)	20.185	13376341	48.315 ug/ml
21) T n-Octatriacontane (C38)	20.930	8762565	48.648 ug/ml
22) T n-Tetracontane (C40)	21.859	5984716	48.877 ug/ml

(f)=RT Delta > 1/2 Window

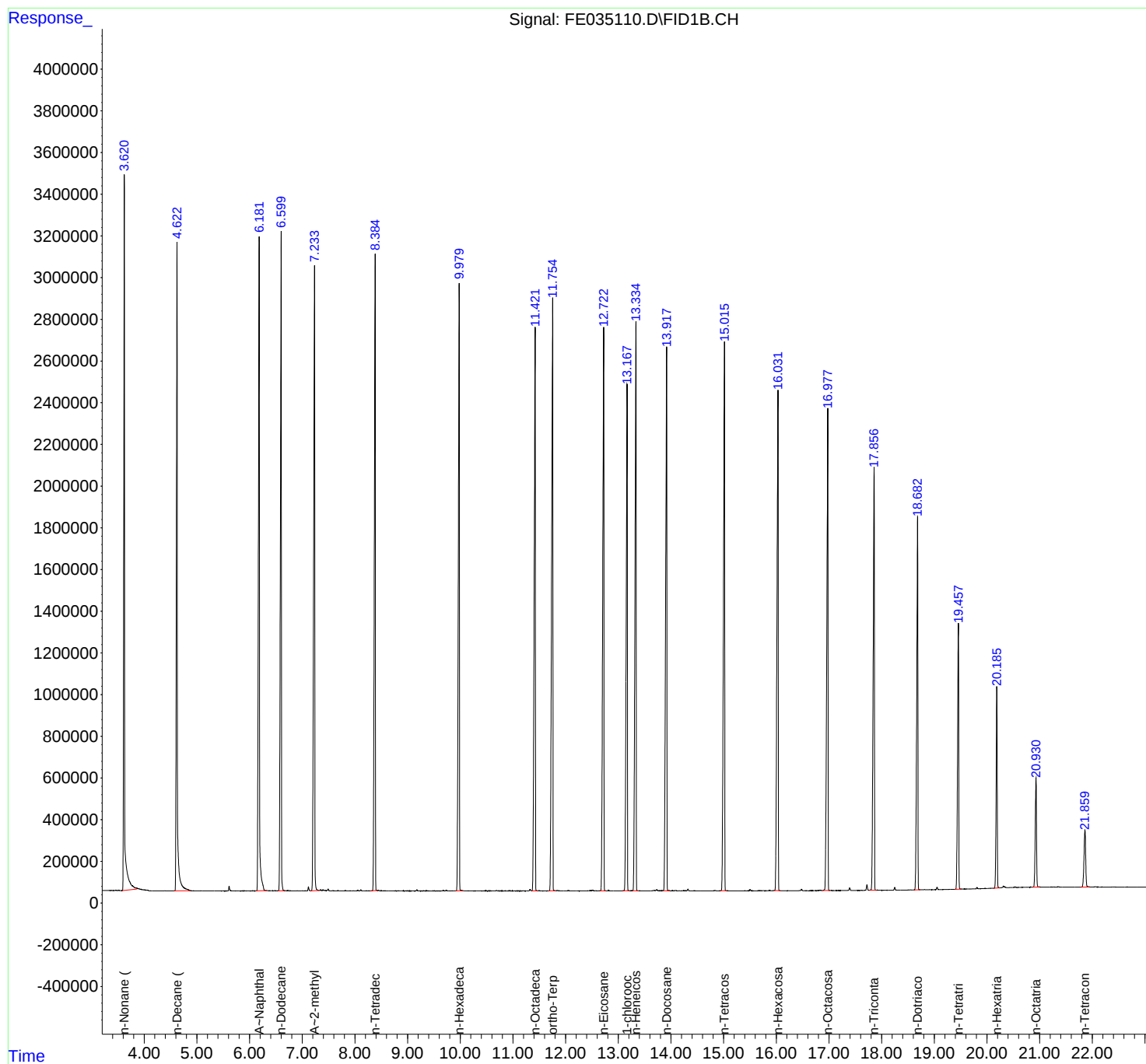
(m)=manual int.

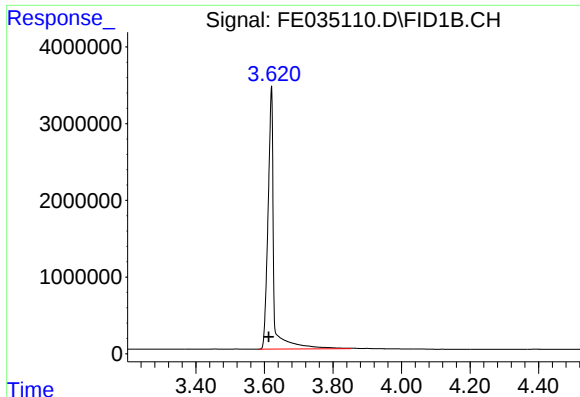
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
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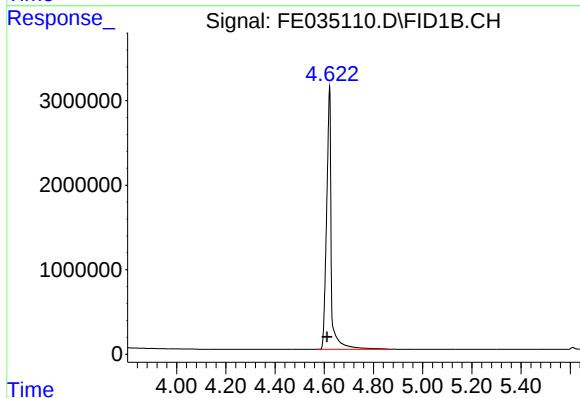




#1 n-Nonane (C9)

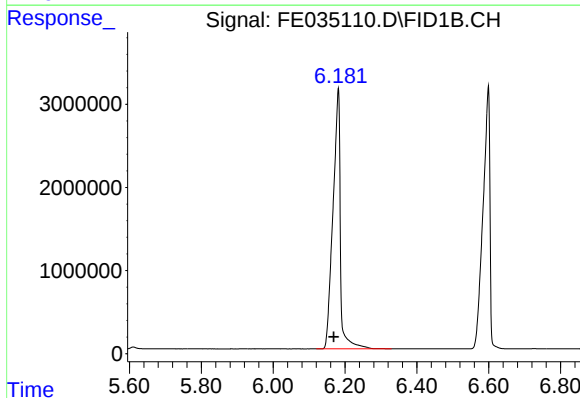
R.T.: 3.620 min
Delta R.T.: 0.008 min
Response: 39716212
Conc: 48.42 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



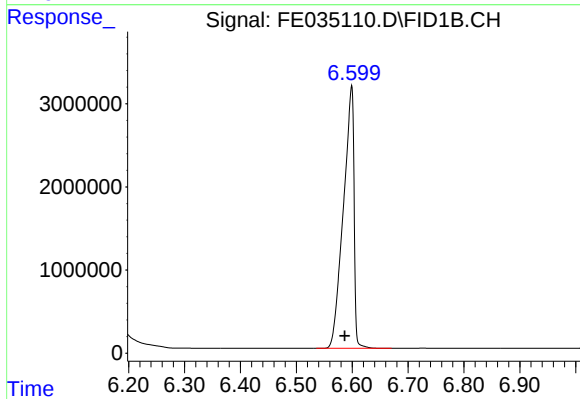
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: 0.010 min
Response: 40973768
Conc: 48.62 ug/ml



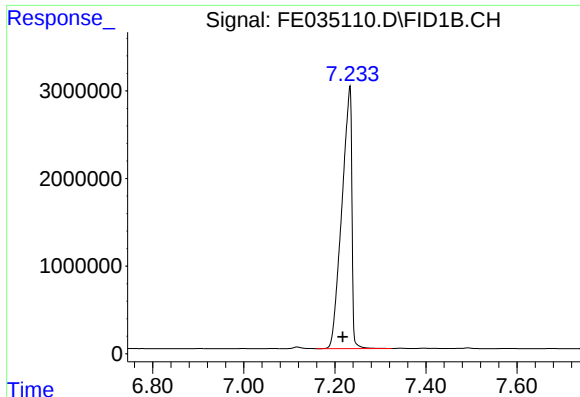
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: 0.013 min
Response: 45078460
Conc: 48.03 ug/ml



#4 n-Dodecane (C12)

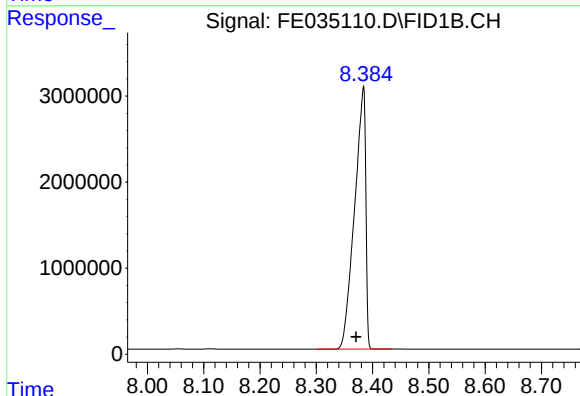
R.T.: 6.599 min
Delta R.T.: 0.012 min
Response: 41816840
Conc: 47.92 ug/ml



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

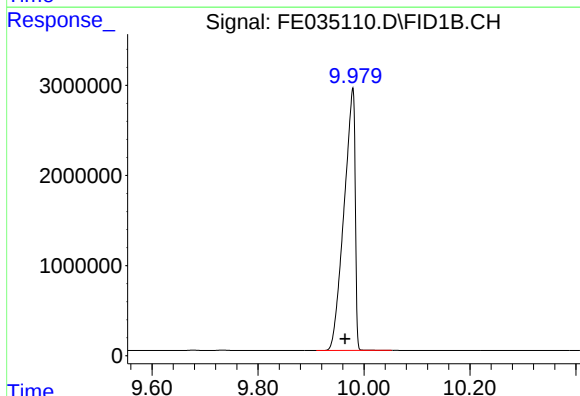
R.T.: 7.233 min
Delta R.T.: 0.015 min
Response: 45646653
Conc: 48.18 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



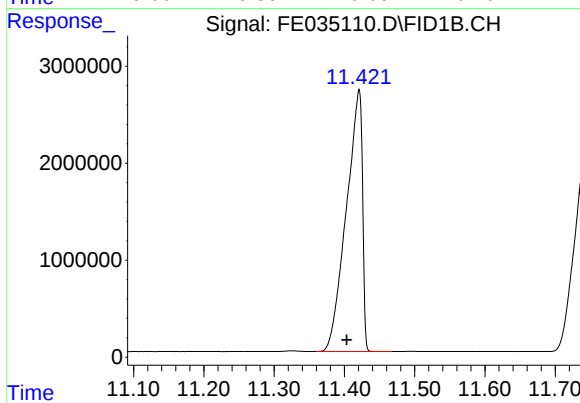
#6 n-Tetradecane (C14)

R.T.: 8.384 min
Delta R.T.: 0.013 min
Response: 42076996
Conc: 48.08 ug/ml



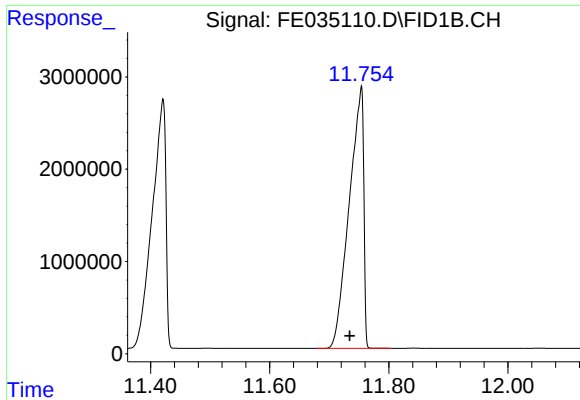
#7 n-Hexadecane (C16)

R.T.: 9.979 min
Delta R.T.: 0.014 min
Response: 42513975
Conc: 47.89 ug/ml



#8 n-Octadecane (C18)

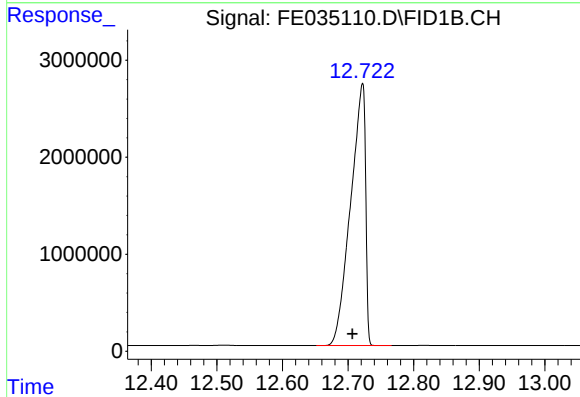
R.T.: 11.421 min
Delta R.T.: 0.017 min
Response: 42935048
Conc: 47.87 ug/ml



#9 ortho-Terphenyl (SURR)

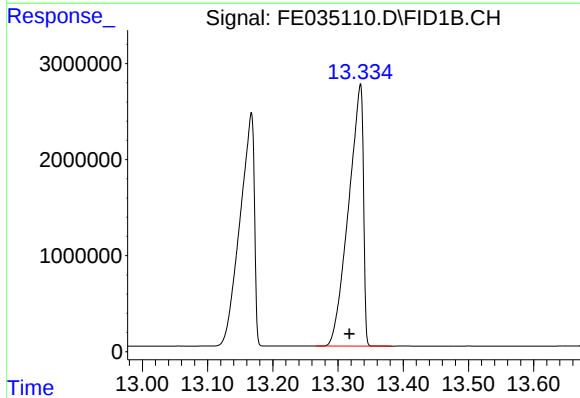
R.T.: 11.754 min
Delta R.T.: 0.019 min
Response: 47557503
Conc: 47.95 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



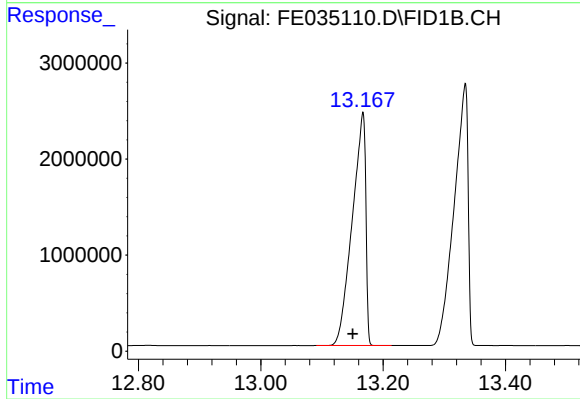
#10 n-Eicosane (C20)

R.T.: 12.722 min
Delta R.T.: 0.015 min
Response: 42700469
Conc: 47.86 ug/ml



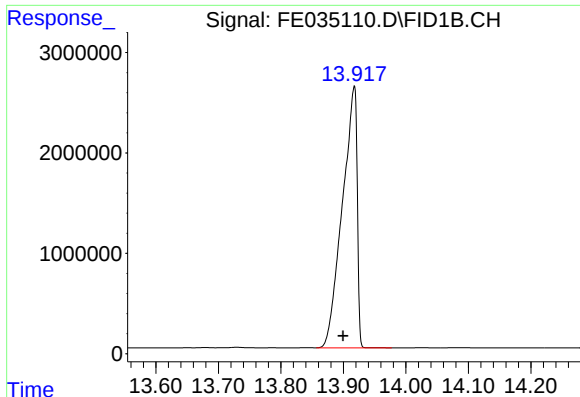
#11 n-Heneicosane (C21)

R.T.: 13.334 min
Delta R.T.: 0.017 min
Response: 42852965
Conc: 47.87 ug/ml



#12 1-chlorooctadecane (SURR)

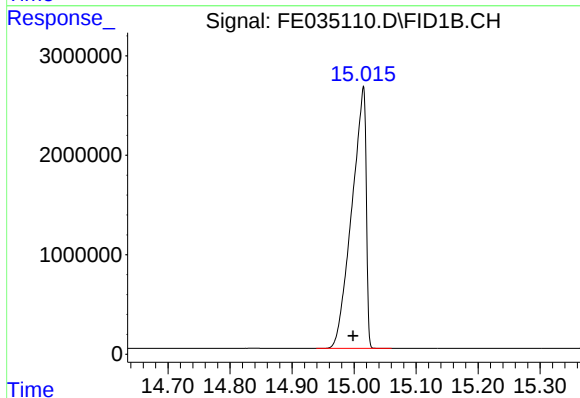
R.T.: 13.167 min
Delta R.T.: 0.017 min
Response: 37161848
Conc: 48.06 ug/ml



#13 n-Docosane (C22)

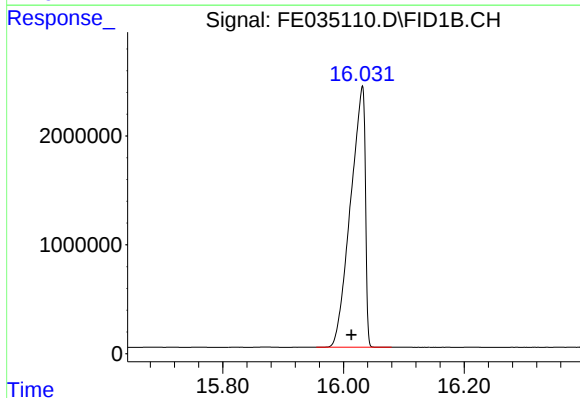
R.T.: 13.917 min
Delta R.T.: 0.018 min
Response: 42767075
Conc: 48.01 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



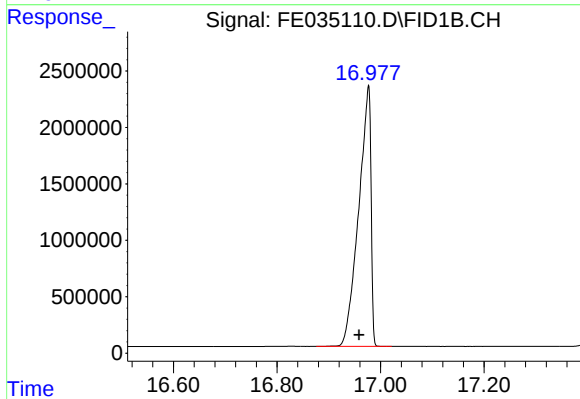
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: 0.016 min
Response: 42163808
Conc: 48.09 ug/ml



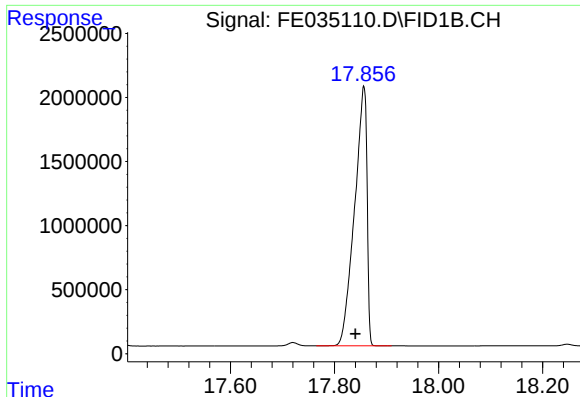
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: 0.018 min
Response: 40646702
Conc: 48.34 ug/ml



#16 n-Octacosane (C28)

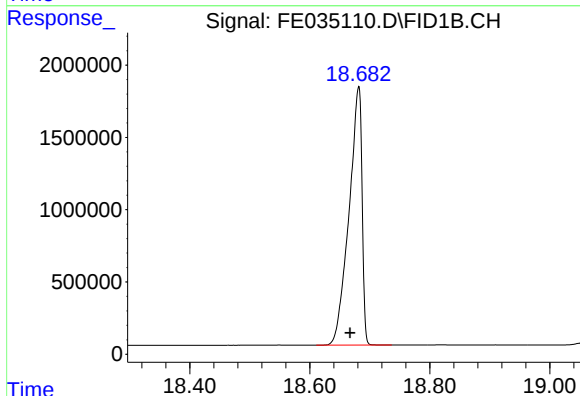
R.T.: 16.977 min
Delta R.T.: 0.018 min
Response: 38047020
Conc: 48.67 ug/ml



#17 n-Tricontane (C30)

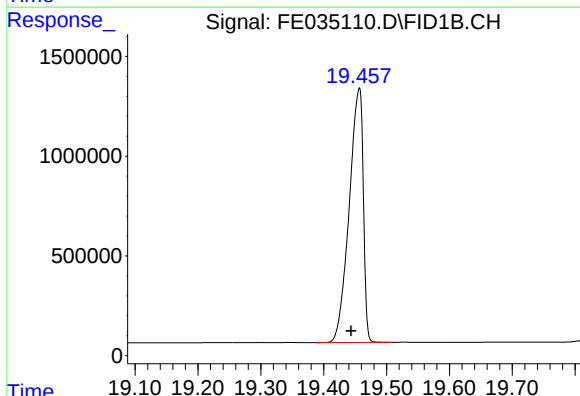
R.T.: 17.856 min
Delta R.T.: 0.016 min
Response: 33547305
Conc: 48.66 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



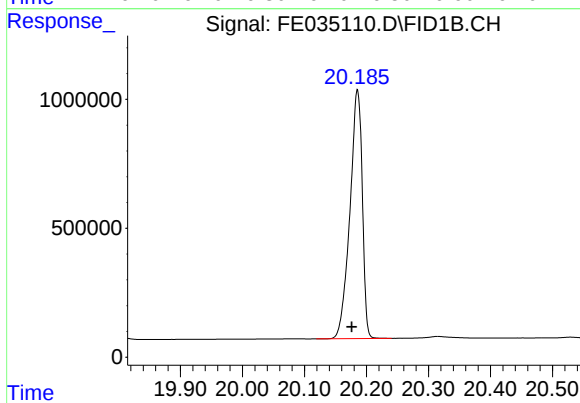
#18 n-Dotriacontane (C32)

R.T.: 18.681 min
Delta R.T.: 0.014 min
Response: 26917719
Conc: 48.32 ug/ml



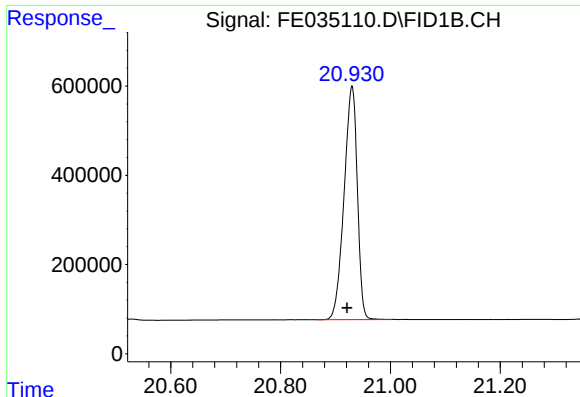
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: 0.013 min
Response: 19811938
Conc: 48.14 ug/ml



#20 n-Hexatriacontane (C36)

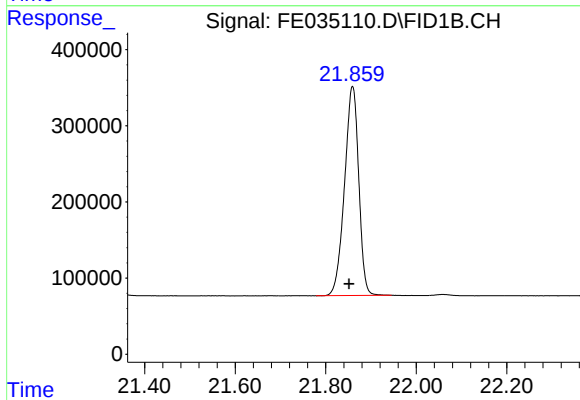
R.T.: 20.185 min
Delta R.T.: 0.009 min
Response: 13376341
Conc: 48.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: 0.009 min
Response: 8762565
Conc: 48.65 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: 0.008 min
Response: 5984716
Conc: 48.88 ug/ml