

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122319AL\
 Data File : FC045032.D
 Signal(s) : FID1A.CH
 Acq On : 23 Dec 2019 23:20
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 24 02:43:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 Qlast Update : Tue Dec 24 02:42:23 2019
 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)	11.765	5739971	48.825 ug/ml
Spiked Amount 50.000		Recovery =	97.65%
12) S 1-chlorooctadecane (S...	13.185	4510985	48.869 ug/ml
Spiked Amount 50.000		Recovery =	97.74%
Target Compounds			
1) T n-Nonane (C9)	3.514	5105995	48.811 ug/ml
2) T n-Decane (C10)	4.587	5121741	48.839 ug/ml
3) T A~Naphthalene (C11.7)	6.187	5713921	49.024 ug/ml
4) T n-Dodecane (C12)	6.605	5161921	48.843 ug/ml
5) T A~2-methylnaphthalene...	7.243	5774018	49.272 ug/ml
6) T n-Tetradecane (C14)	8.396	5181359	48.903 ug/ml
7) T n-Hexadecane (C16)	9.994	5216941	48.837 ug/ml
8) T n-Octadecane (C18)	11.434	5254920	48.749 ug/ml
10) T n-Eicosane (C20)	12.740	5283277	48.844 ug/ml
11) T n-Heneicosane (C21)	13.351	5343970	48.894 ug/ml
13) T n-Docosane (C22)	13.937	5339751	48.889 ug/ml
14) T n-Tetracosane (C24)	15.036	5405179	48.937 ug/ml
15) T n-Hexacosane (C26)	16.056	5393806	48.958 ug/ml
16) T n-Octacosane (C28)	17.003	5339278	48.959 ug/ml
17) T n-Tricontane (C30)	17.889	5136427	48.936 ug/ml
18) T n-Dotriacontane (C32)	18.719	4341297	48.748 ug/ml
19) T n-Tetratriacontane (C34)	19.498	3686200	48.519 ug/ml
20) T n-Hexatriacontane (C36)	20.238	3298187	48.232 ug/ml
21) T n-Octatriacontane (C38)	21.006	2970896	48.099 ug/ml
22) T n-Tetracontane (C40)	21.976	2945132	48.554 ug/ml

(f)=RT Delta > 1/2 Window

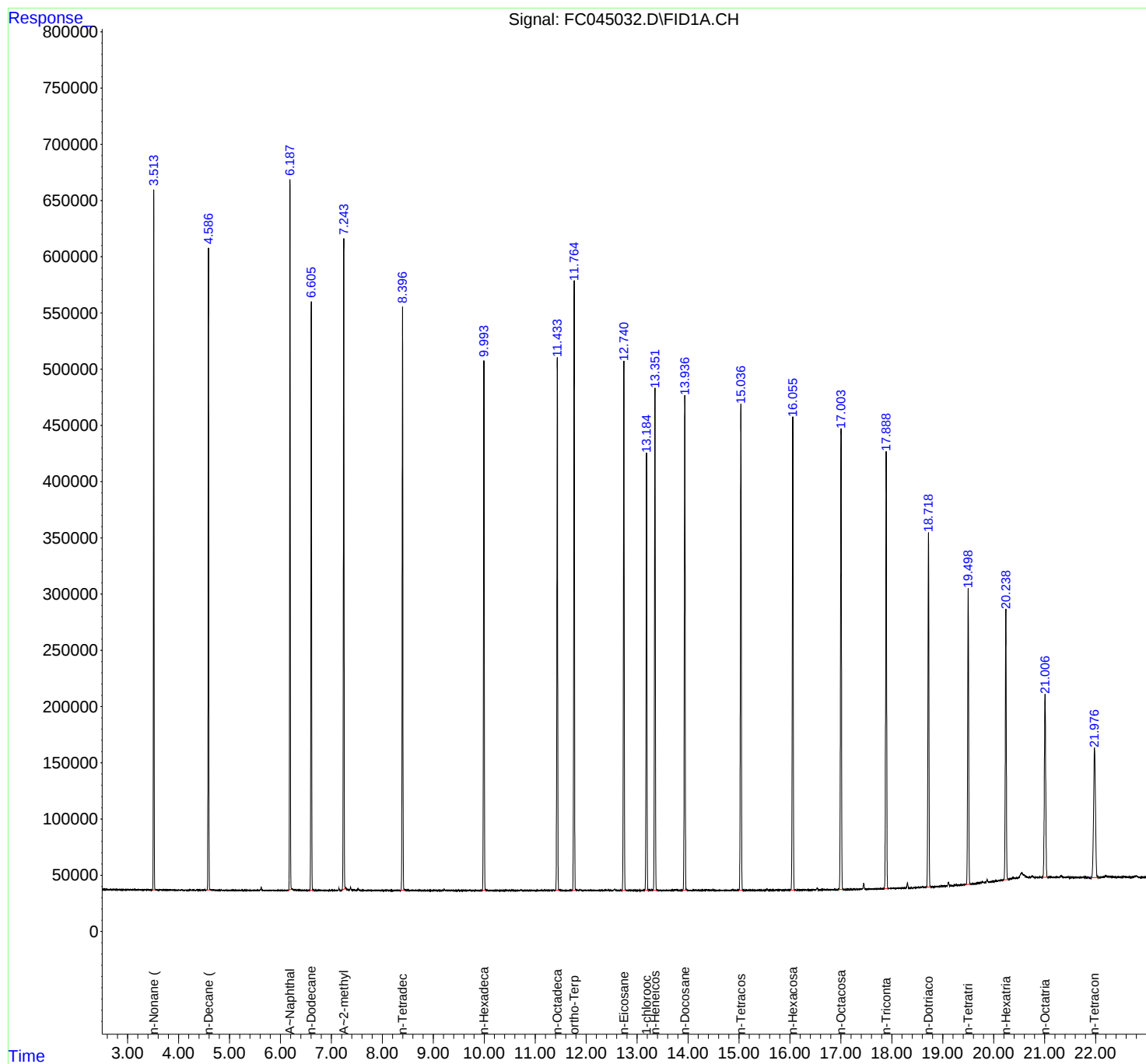
(m)=manual int.

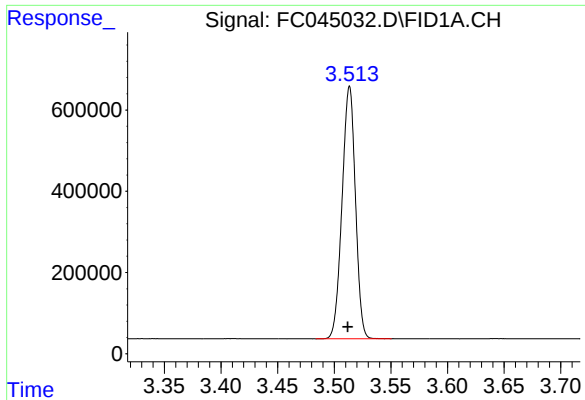
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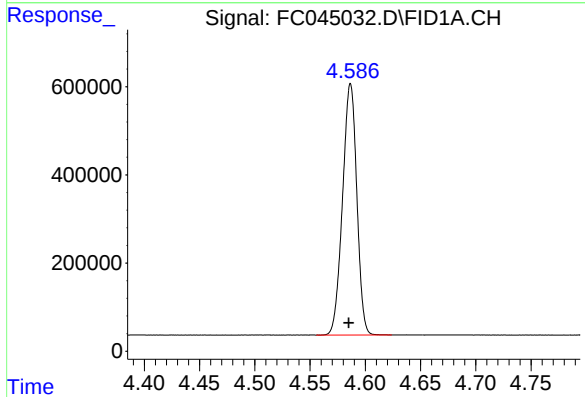




#1 n-Nonane (C9)

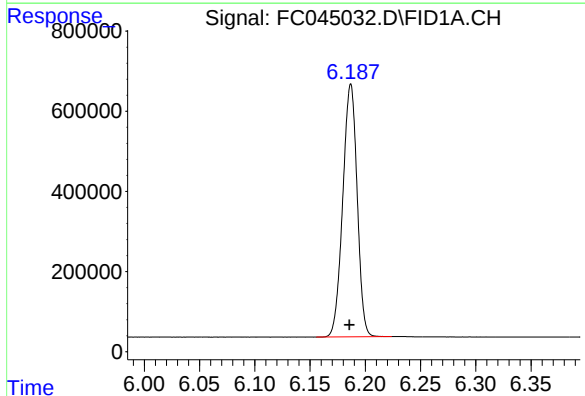
R.T.: 3.514 min
Delta R.T.: 0.002 min
Response: 5105995
Conc: 48.81 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



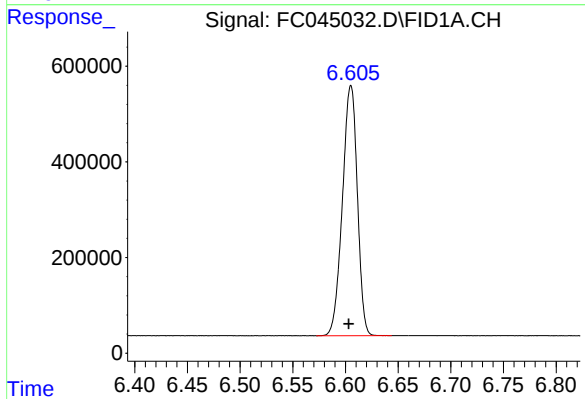
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: 0.002 min
Response: 5121741
Conc: 48.84 ug/ml



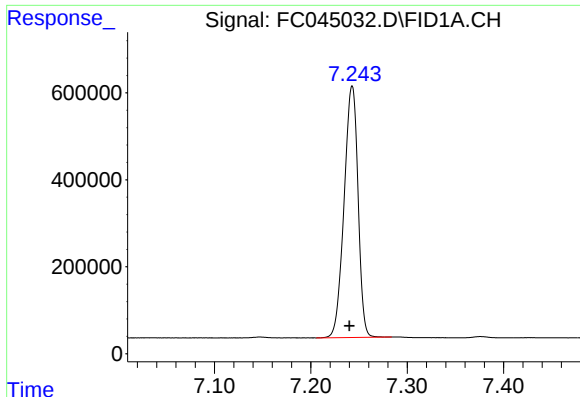
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: 0.001 min
Response: 5713921
Conc: 49.02 ug/ml



#4 n-Dodecane (C12)

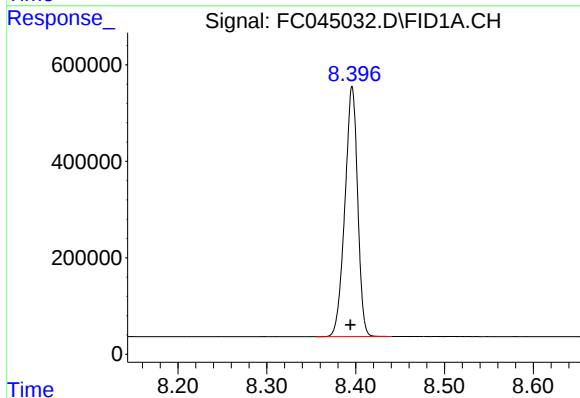
R.T.: 6.605 min
Delta R.T.: 0.002 min
Response: 5161921
Conc: 48.84 ug/ml



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

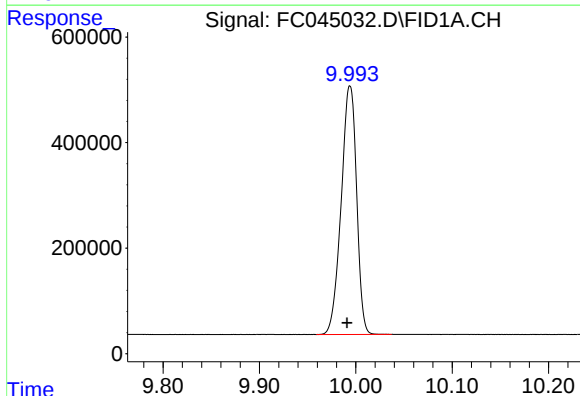
R.T.: 7.243 min
Delta R.T.: 0.003 min
Response: 5774018
Conc: 49.27 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



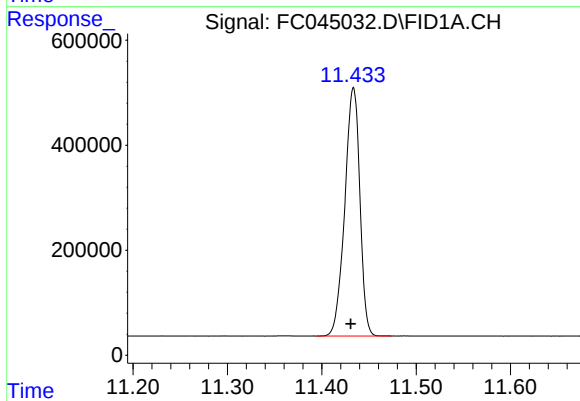
#6 n-Tetradecane (C14)

R.T.: 8.396 min
Delta R.T.: 0.002 min
Response: 5181359
Conc: 48.90 ug/ml



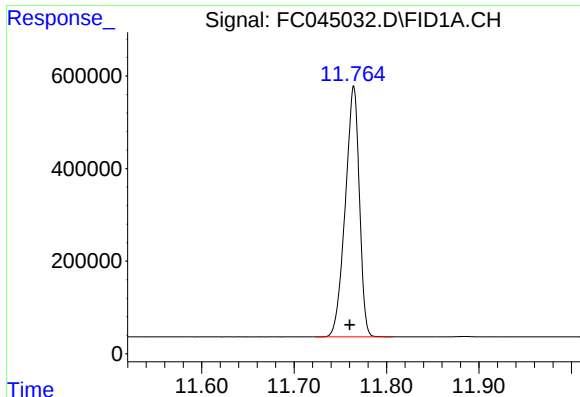
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: 0.003 min
Response: 5216941
Conc: 48.84 ug/ml



#8 n-Octadecane (C18)

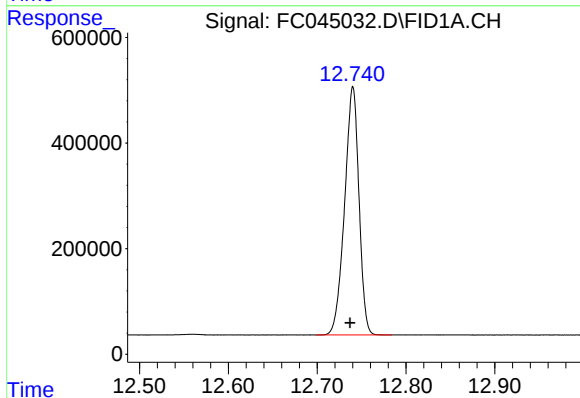
R.T.: 11.434 min
Delta R.T.: 0.003 min
Response: 5254920
Conc: 48.75 ug/ml



#9 ortho-Terphenyl (SURR)

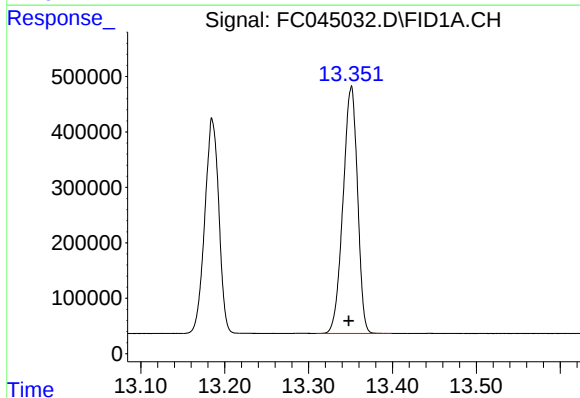
R.T.: 11.765 min
Delta R.T.: 0.004 min
Response: 5739971
Conc: 48.83 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



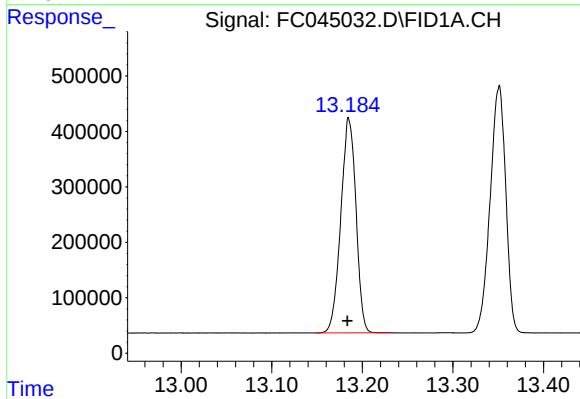
#10 n-Eicosane (C20)

R.T.: 12.740 min
Delta R.T.: 0.003 min
Response: 5283277
Conc: 48.84 ug/ml



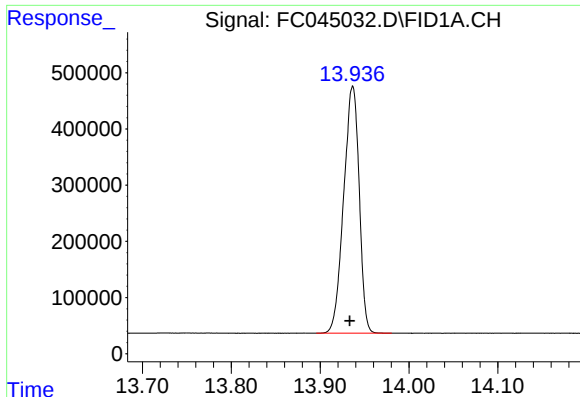
#11 n-Heneicosane (C21)

R.T.: 13.351 min
Delta R.T.: 0.003 min
Response: 5343970
Conc: 48.89 ug/ml



#12 1-chlorooctadecane (SURR)

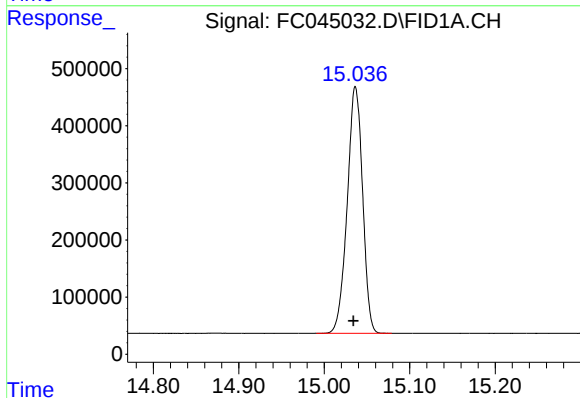
R.T.: 13.185 min
Delta R.T.: 0.002 min
Response: 4510985
Conc: 48.87 ug/ml



#13 n-Docosane (C22)

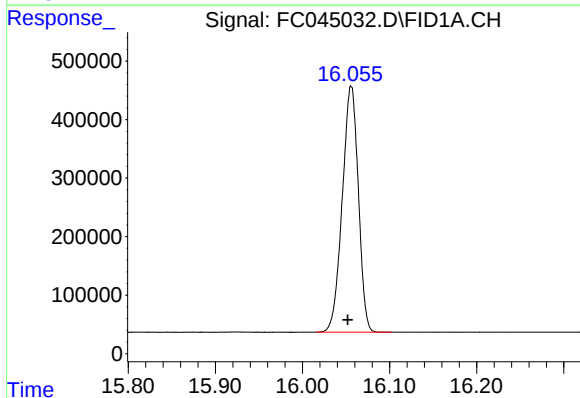
R.T.: 13.937 min
Delta R.T.: 0.003 min
Response: 5339751
Conc: 48.89 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



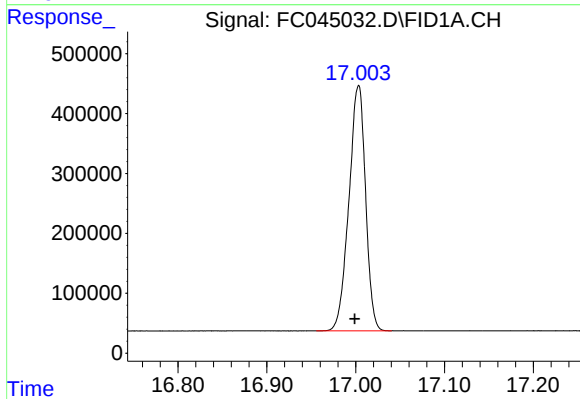
#14 n-Tetracosane (C24)

R.T.: 15.036 min
Delta R.T.: 0.002 min
Response: 5405179
Conc: 48.94 ug/ml



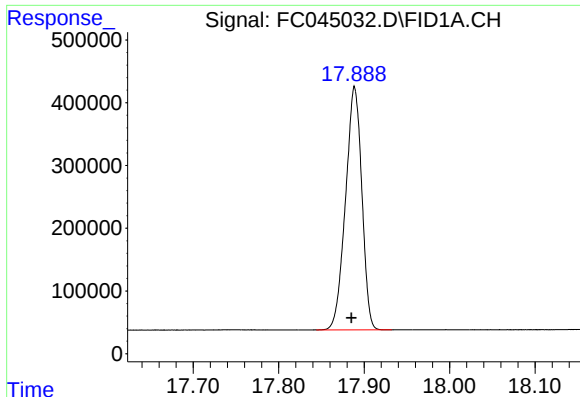
#15 n-Hexacosane (C26)

R.T.: 16.056 min
Delta R.T.: 0.004 min
Response: 5393806
Conc: 48.96 ug/ml



#16 n-Octacosane (C28)

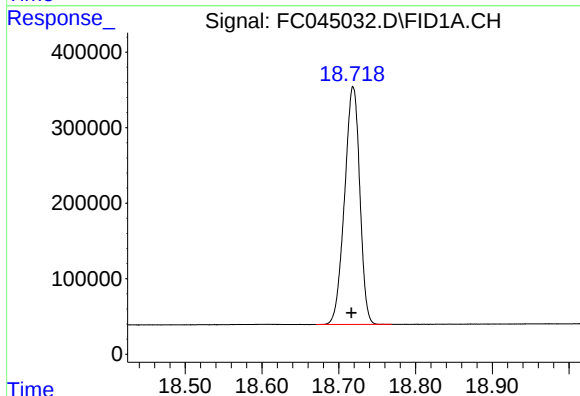
R.T.: 17.003 min
Delta R.T.: 0.004 min
Response: 5339278
Conc: 48.96 ug/ml



#17 n-Tricontane (C30)

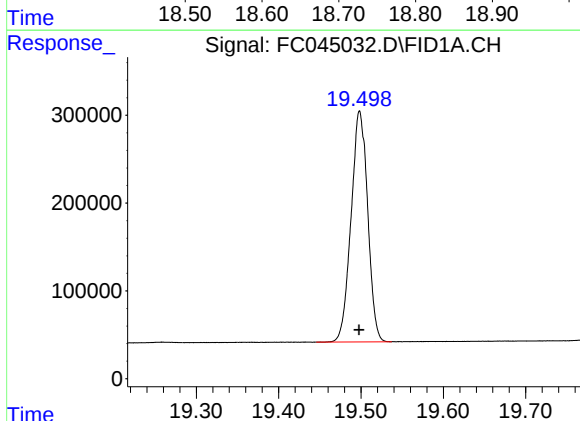
R.T.: 17.889 min
Delta R.T.: 0.004 min
Response: 5136427
Conc: 48.94 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



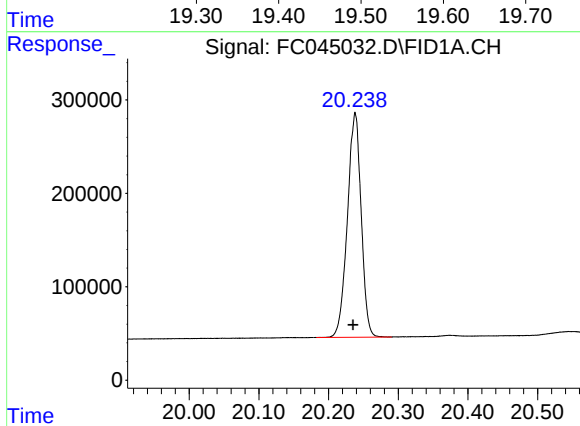
#18 n-Dotriacontane (C32)

R.T.: 18.719 min
Delta R.T.: 0.002 min
Response: 4341297
Conc: 48.75 ug/ml



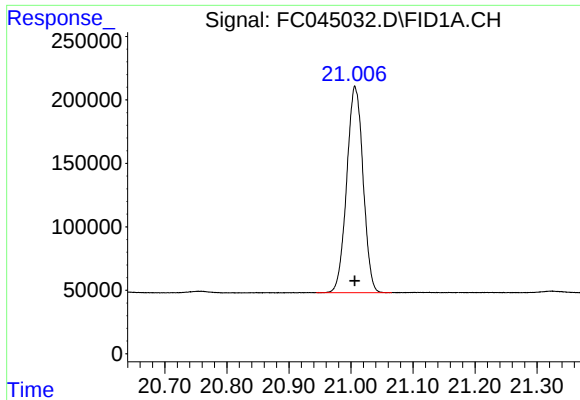
#19 n-Tetratriacontane (C34)

R.T.: 19.498 min
Delta R.T.: 0.000 min
Response: 3686200
Conc: 48.52 ug/ml



#20 n-Hexatriacontane (C36)

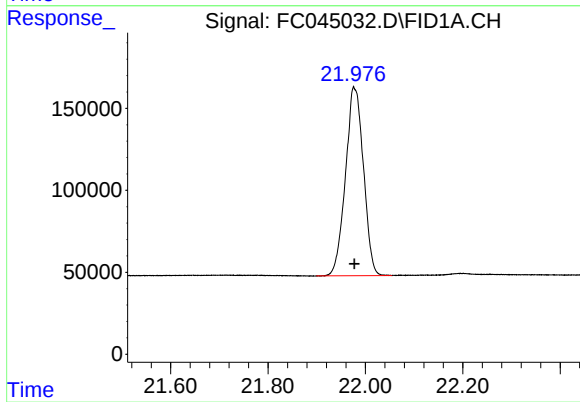
R.T.: 20.238 min
Delta R.T.: 0.003 min
Response: 3298187
Conc: 48.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: 0.000 min
Response: 2970896
Conc: 48.10 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.002 min
Response: 2945132
Conc: 48.55 ug/ml