

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
 Data File : FE035113.D
 Signal(s) : FID1B.CH
 Acq On : 21 Feb 2022 18:49
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: sample.E
 Quant Time: Feb 22 01:20:39 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)	11.720	5452575	5.497 ug/ml
Spiked Amount 50.000		Recovery =	10.99%
12) S 1-chlorooctadecane (S...	13.138	4215535	5.452 ug/ml
Spiked Amount 50.000		Recovery =	10.90%
Target Compounds			
1) T n-Nonane (C9)	3.611	4361580	5.317 ug/ml
2) T n-Decane (C10)	4.607	4551058	5.401 ug/ml
3) T A~Naphthalene (C11.7)	6.162	5146828	5.484 ug/ml
4) T n-Dodecane (C12)	6.578	4820827	5.524 ug/ml
5) T A~2-methylnaphthalene...	7.207	5161296	5.448 ug/ml
6) T n-Tetradecane (C14)	8.360	4782122	5.465 ug/ml
7) T n-Hexadecane (C16)	9.953	4856307	5.470 ug/ml
8) T n-Octadecane (C18)	11.390	4944035	5.512 ug/ml
10) T n-Eicosane (C20)	12.694	4915185	5.509 ug/ml
11) T n-Heneicosane (C21)	13.304	4915166	5.490 ug/ml
13) T n-Docosane (C22)	13.887	4879689	5.478 ug/ml
14) T n-Tetracosane (C24)	14.986	4771749	5.443 ug/ml
15) T n-Hexacosane (C26)	16.000	4527692	5.385 ug/ml
16) T n-Octacosane (C28)	16.945	4189880	5.359 ug/ml
17) T n-Tricontane (C30)	17.829	3783742	5.488 ug/ml
18) T n-Dotriacontane (C32)	18.656	3121842	5.604 ug/ml
19) T n-Tetratriacontane (C34)	19.435	2317761	5.631 ug/ml
20) T n-Hexatriacontane (C36)	20.170	1553089	5.610 ug/ml
21) T n-Octatriacontane (C38)	20.917	1012999	5.624 ug/ml
22) T n-Tetracontane (C40)	21.846	682330	5.573 ug/ml

(f)=RT Delta > 1/2 Window

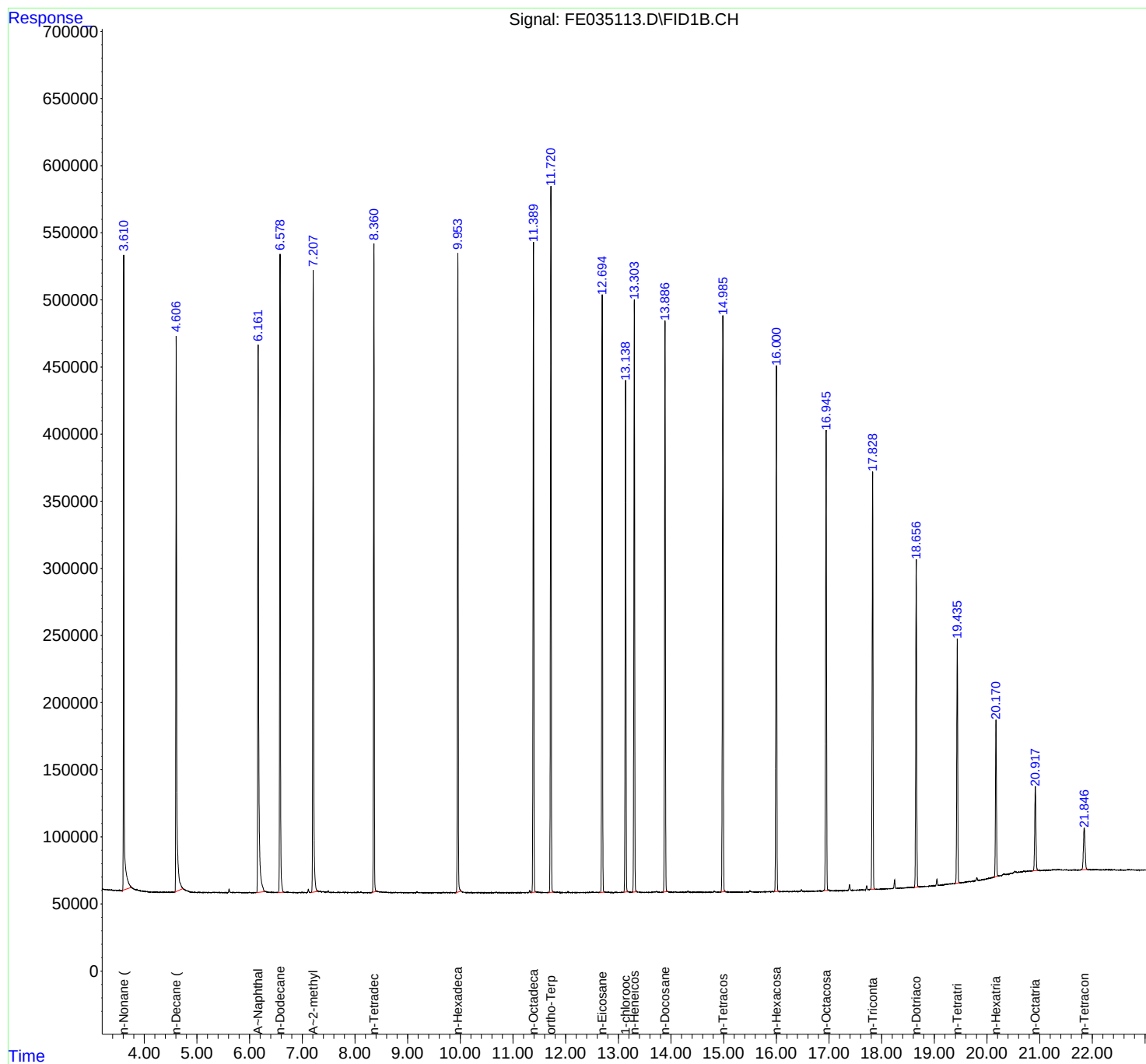
(m)=manual int.

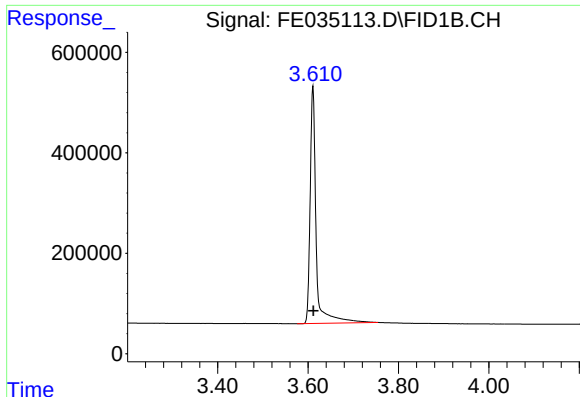
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022222AL\
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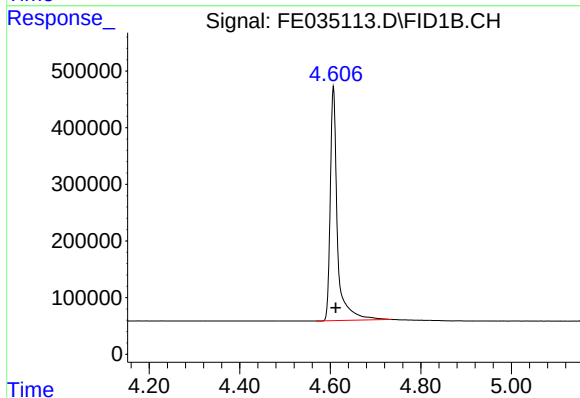




#1 n-Nonane (C9)

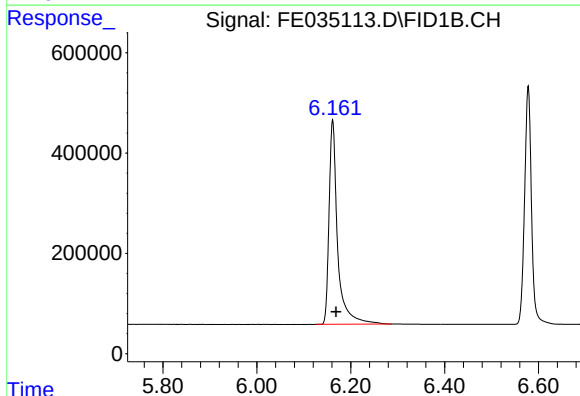
R.T.: 3.611 min
Delta R.T.: -0.001 min
Response: 4361580
Conc: 5.32 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



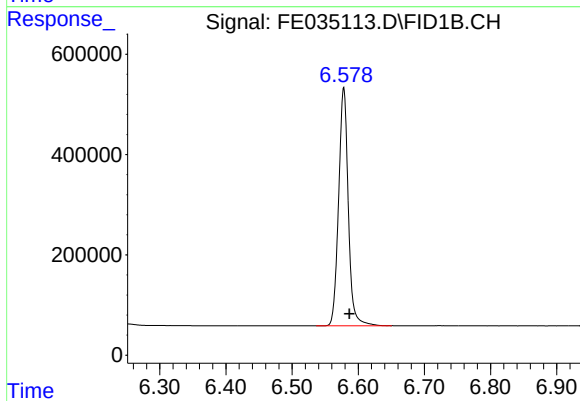
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.005 min
Response: 4551058
Conc: 5.40 ug/ml



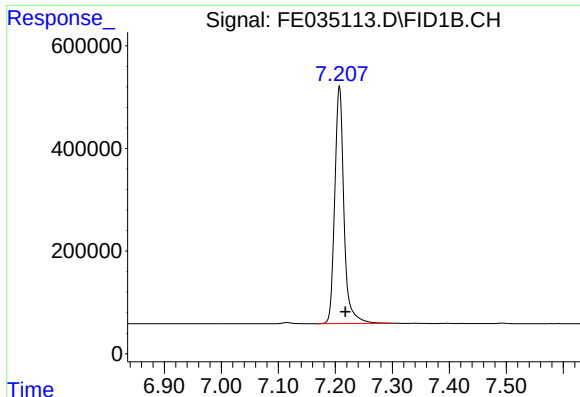
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.007 min
Response: 5146828
Conc: 5.48 ug/ml



#4 n-Dodecane (C12)

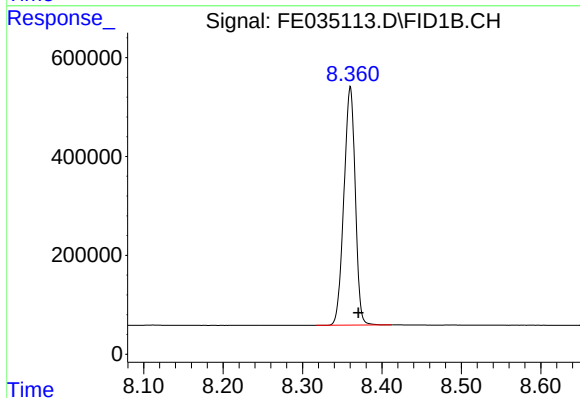
R.T.: 6.578 min
Delta R.T.: -0.008 min
Response: 4820827
Conc: 5.52 ug/ml



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

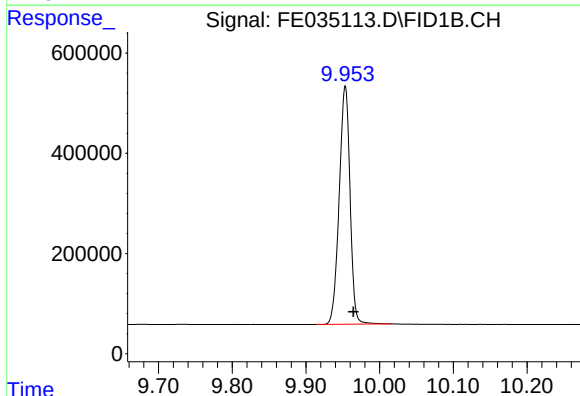
R.T.: 7.207 min
Delta R.T.: -0.010 min
Response: 5161296
Conc: 5.45 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



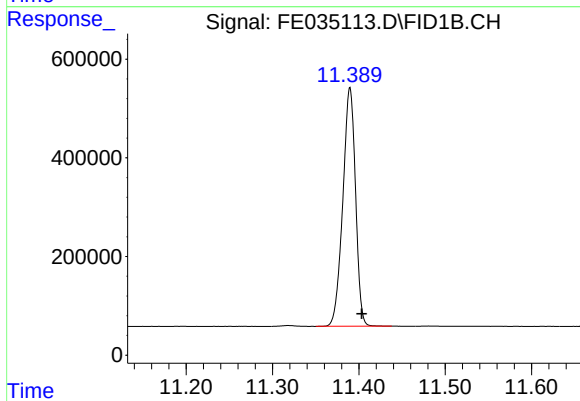
#6 n-Tetradecane (C14)

R.T.: 8.360 min
Delta R.T.: -0.010 min
Response: 4782122
Conc: 5.46 ug/ml



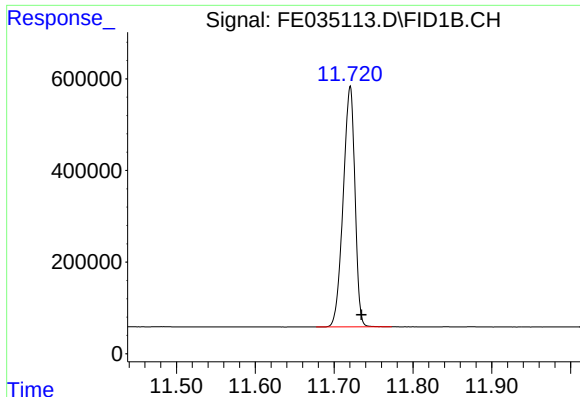
#7 n-Hexadecane (C16)

R.T.: 9.953 min
Delta R.T.: -0.011 min
Response: 4856307
Conc: 5.47 ug/ml



#8 n-Octadecane (C18)

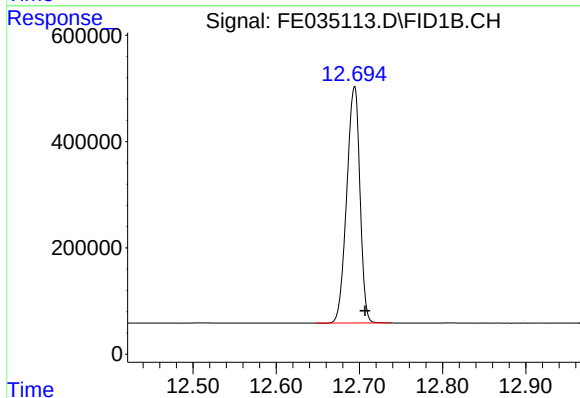
R.T.: 11.390 min
Delta R.T.: -0.014 min
Response: 4944035
Conc: 5.51 ug/ml



#9 ortho-Terphenyl (SURR)

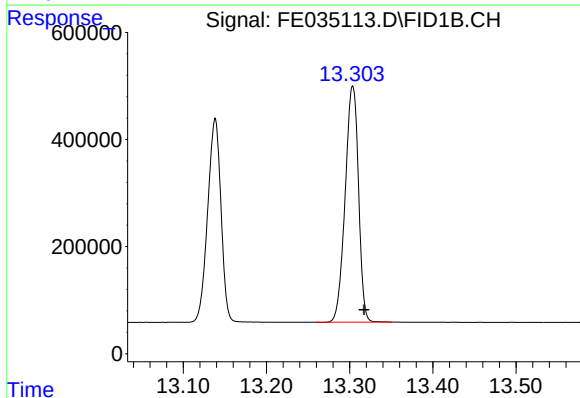
R.T.: 11.720 min
Delta R.T.: -0.014 min
Response: 5452575
Conc: 5.50 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



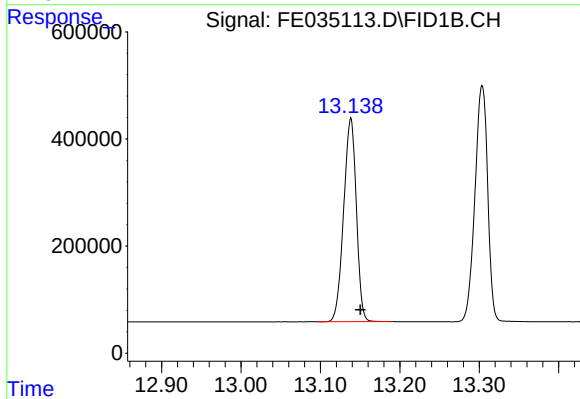
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: -0.012 min
Response: 4915185
Conc: 5.51 ug/ml



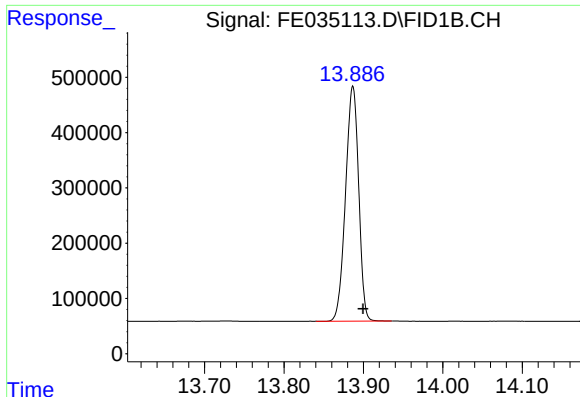
#11 n-Heneicosane (C21)

R.T.: 13.304 min
Delta R.T.: -0.014 min
Response: 4915166
Conc: 5.49 ug/ml



#12 1-chlorooctadecane (SURR)

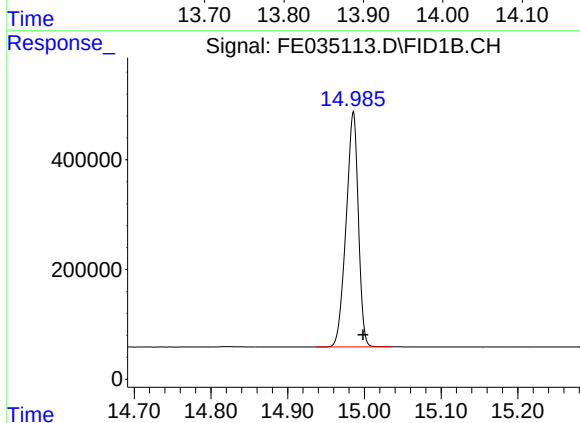
R.T.: 13.138 min
Delta R.T.: -0.012 min
Response: 4215535
Conc: 5.45 ug/ml



#13 n-Docosane (C22)

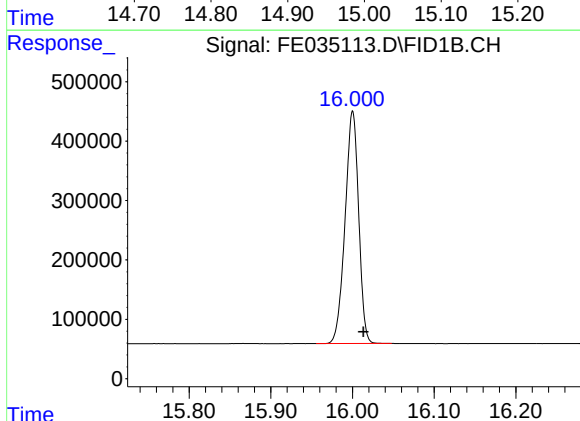
R.T.: 13.887 min
Delta R.T.: -0.013 min
Response: 4879689
Conc: 5.48 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



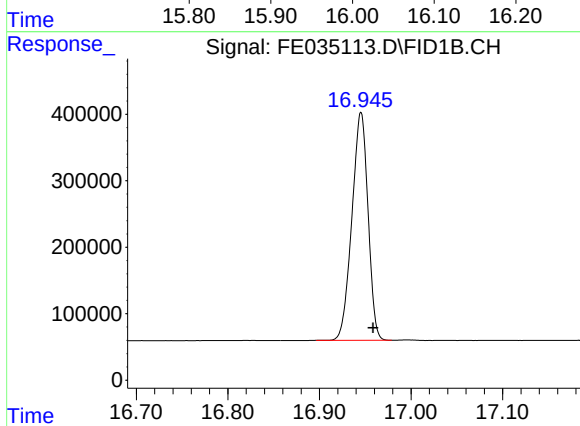
#14 n-Tetracosane (C24)

R.T.: 14.986 min
Delta R.T.: -0.013 min
Response: 4771749
Conc: 5.44 ug/ml



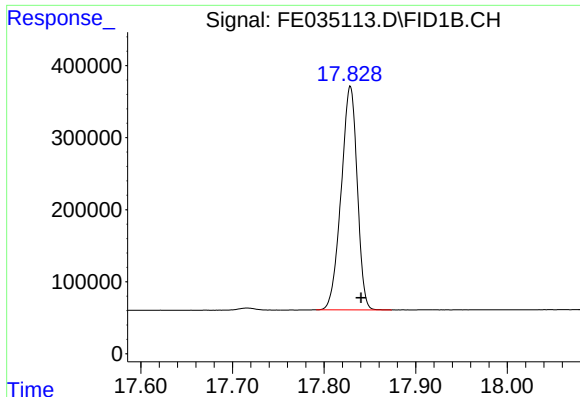
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: -0.013 min
Response: 4527692
Conc: 5.39 ug/ml



#16 n-Octacosane (C28)

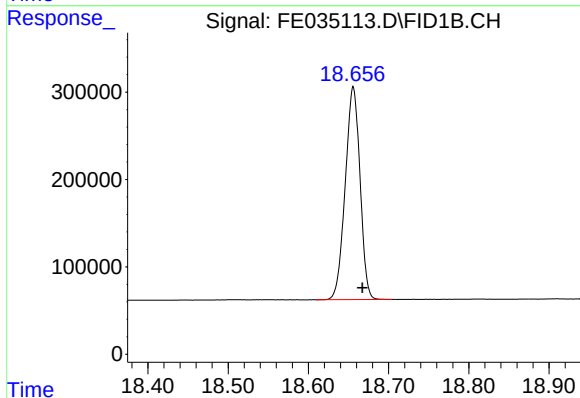
R.T.: 16.945 min
Delta R.T.: -0.013 min
Response: 4189880
Conc: 5.36 ug/ml



#17 n-Tricontane (C30)

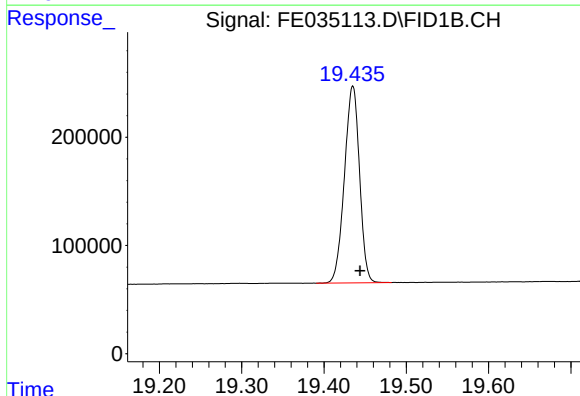
R.T.: 17.829 min
Delta R.T.: -0.012 min
Response: 3783742
Conc: 5.49 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



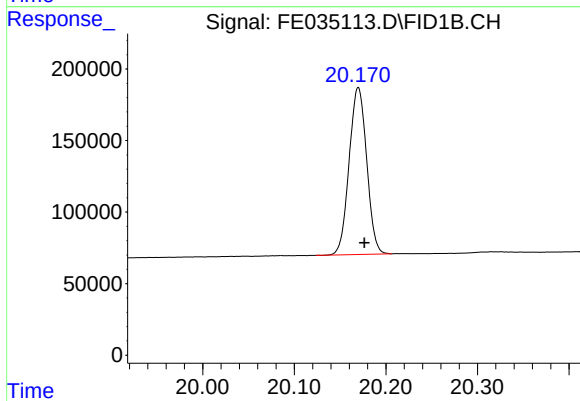
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.012 min
Response: 3121842
Conc: 5.60 ug/ml



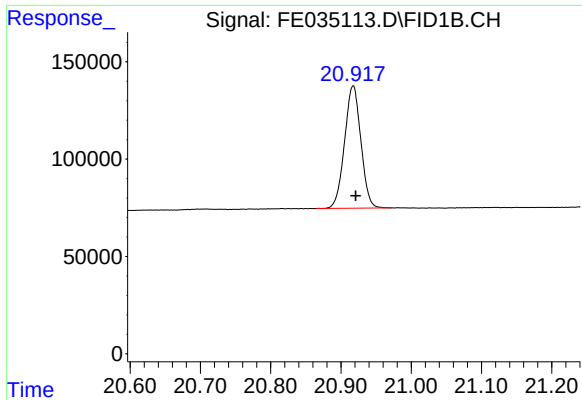
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: -0.009 min
Response: 2317761
Conc: 5.63 ug/ml



#20 n-Hexatriacontane (C36)

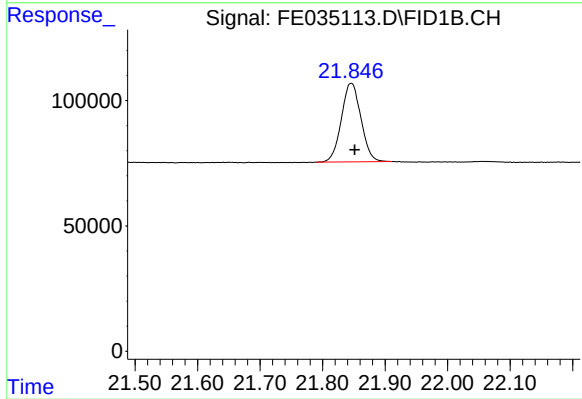
R.T.: 20.170 min
Delta R.T.: -0.007 min
Response: 1553089
Conc: 5.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.917 min
Delta R.T.: -0.003 min
Response: 1012999
Conc: 5.62 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.846 min
Delta R.T.: -0.005 min
Response: 682330
Conc: 5.57 ug/ml