

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034908.D
 Signal(s) : FID1B.CH
 Acq On : 09 Feb 2022 8:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 10 01:16:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 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)	11.133	6173875	21.081 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
12) S 1-chlorooctadecane (S...	12.562	4751429	21.252 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
Target Compounds			
1) T n-Nonane (C9)	2.994	5274675	20.794 ug/ml
2) T n-Decane (C10)	4.012	5348913	20.840 ug/ml
3) T A~Naphthalene (C11.7)	5.570	6009274	20.947 ug/ml
4) T n-Dodecane (C12)	6.001	5369310	20.869 ug/ml
5) T A~2-methylnaphthalene...	6.617	6064973	20.961 ug/ml
6) T n-Tetradecane (C14)	7.787	5466195	20.898 ug/ml
7) T n-Hexadecane (C16)	9.381	5493328	20.948 ug/ml
8) T n-Octadecane (C18)	10.819	5599767	21.002 ug/ml
10) T n-Eicosane (C20)	12.122	5494531	21.039 ug/ml
11) T n-Heneicosane (C21)	12.732	5519002	21.067 ug/ml
13) T n-Docosane (C22)	13.315	5436309	21.088 ug/ml
14) T n-Tetracosane (C24)	14.413	5347325	21.090 ug/ml
15) T n-Hexacosane (C26)	15.429	5141749	21.057 ug/ml
16) T n-Octacosane (C28)	16.374	5008931	21.050 ug/ml
17) T n-Tricontane (C30)	17.257	4824286	20.977 ug/ml
18) T n-Dotriacontane (C32)	18.087	4478322	20.951 ug/ml
19) T n-Tetratriacontane (C34)	18.867	4206536	20.872 ug/ml
20) T n-Hexatriacontane (C36)	19.603	4002657	21.162 ug/ml
21) T n-Octatriacontane (C38)	20.314	3843864	21.129 ug/ml
22) T n-Tetracontane (C40)	21.165	3997444	21.822 ug/ml

(f)=RT Delta > 1/2 Window

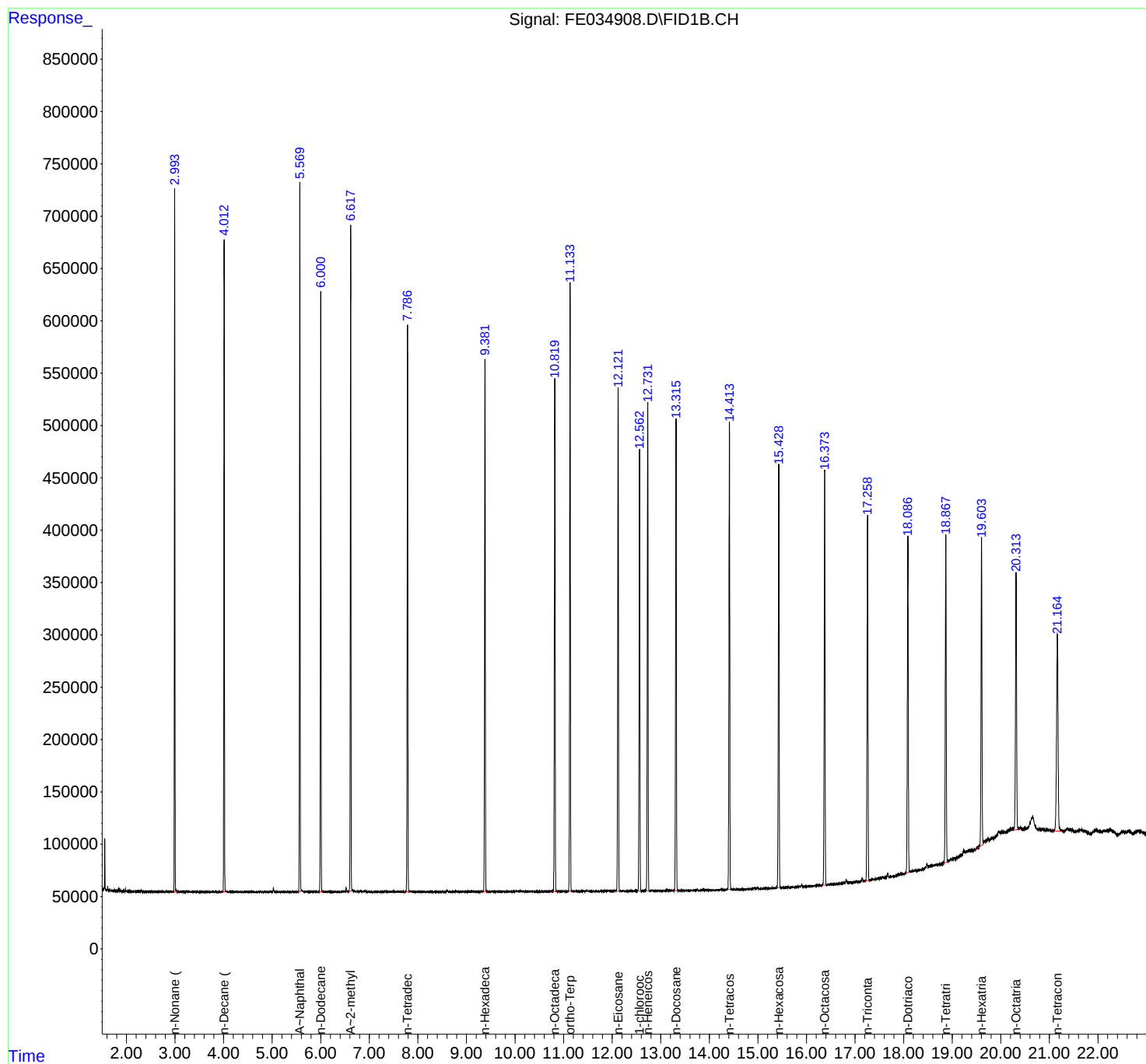
(m)=manual int.

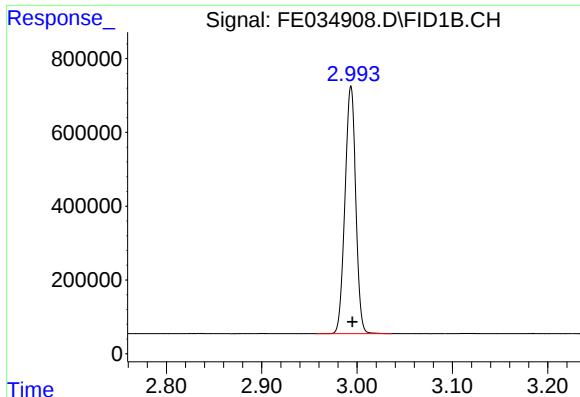
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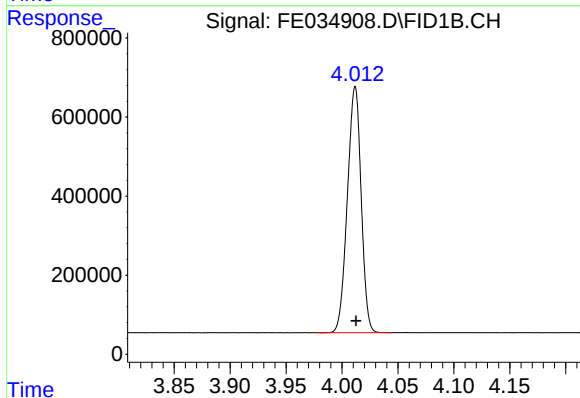




#1 n-Nonane (C9)

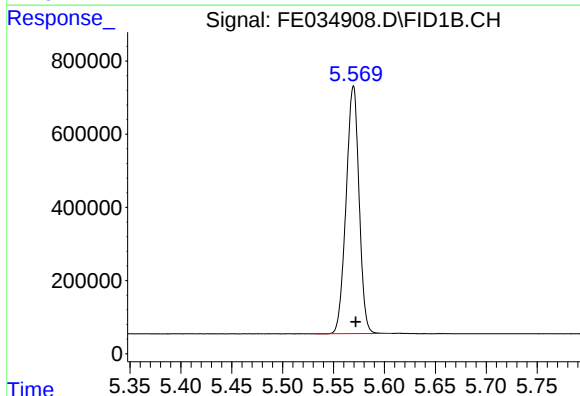
R.T.: 2.994 min
Delta R.T.: -0.001 min
Response: 5274675
Conc: 20.79 ug/ml

Instrument :
FID_E
ClientSampleId :



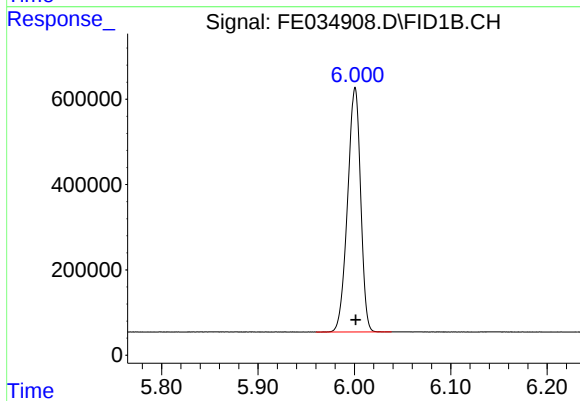
#2 n-Decane (C10)

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 5348913
Conc: 20.84 ug/ml



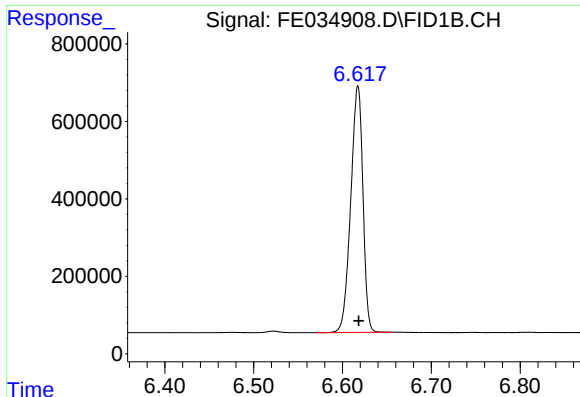
#3 A~Naphthalene (C11.7)

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 6009274
Conc: 20.95 ug/ml



#4 n-Dodecane (C12)

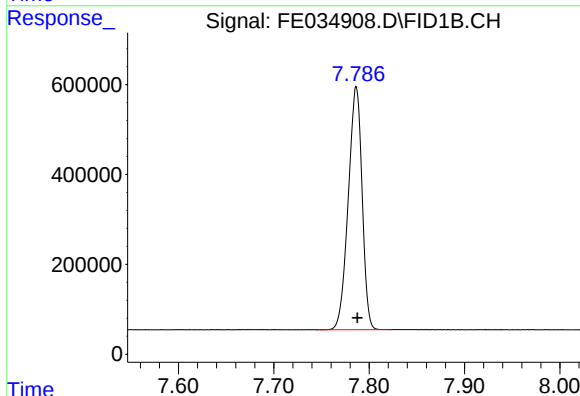
R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 5369310
Conc: 20.87 ug/ml



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

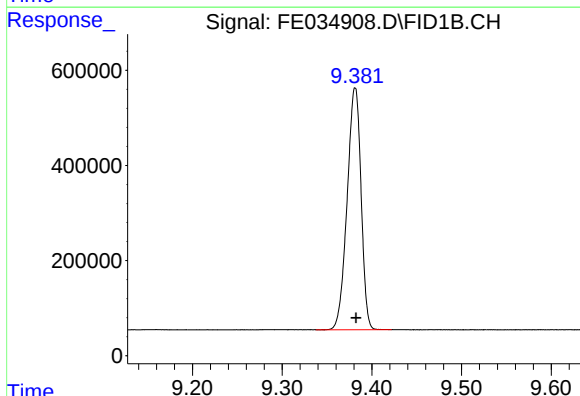
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 6064973
Conc: 20.96 ug/ml

Instrument :
FID_E
ClientSampleId :



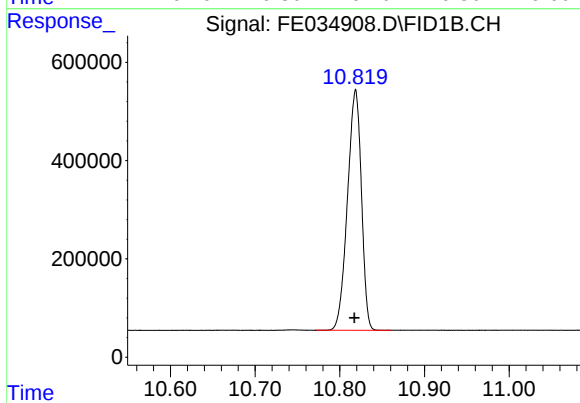
#6 n-Tetradecane (C14)

R.T.: 7.787 min
Delta R.T.: -0.001 min
Response: 5466195
Conc: 20.90 ug/ml



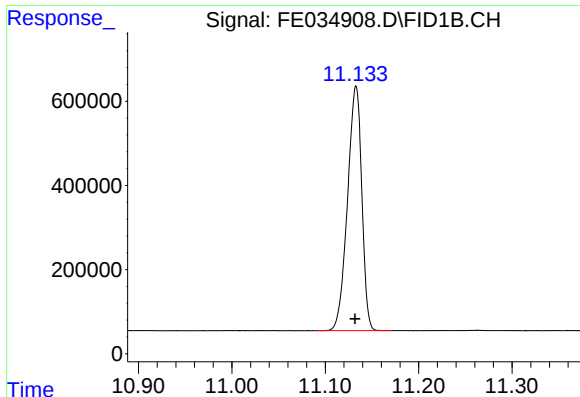
#7 n-Hexadecane (C16)

R.T.: 9.381 min
Delta R.T.: 0.000 min
Response: 5493328
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

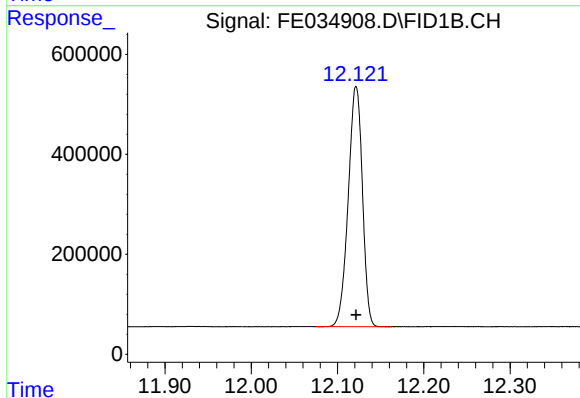
R.T.: 10.819 min
Delta R.T.: 0.001 min
Response: 5599767
Conc: 21.00 ug/ml



#9 ortho-Terphenyl (SURR)

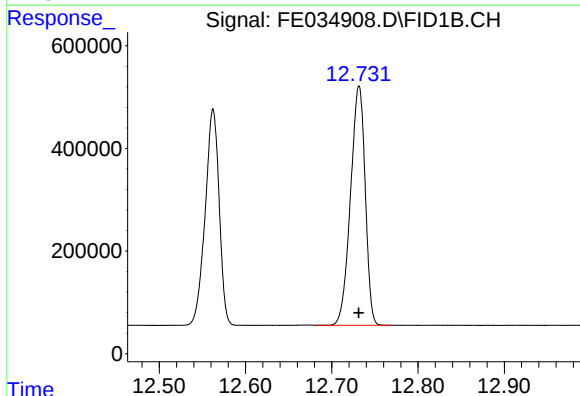
R.T.: 11.133 min
Delta R.T.: 0.001 min
Response: 6173875
Conc: 21.08 ug/ml

Instrument :
FID_E
ClientSampleId :



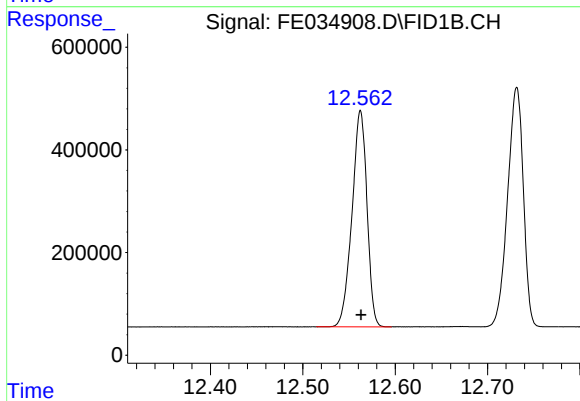
#10 n-Eicosane (C20)

R.T.: 12.122 min
Delta R.T.: 0.000 min
Response: 5494531
Conc: 21.04 ug/ml



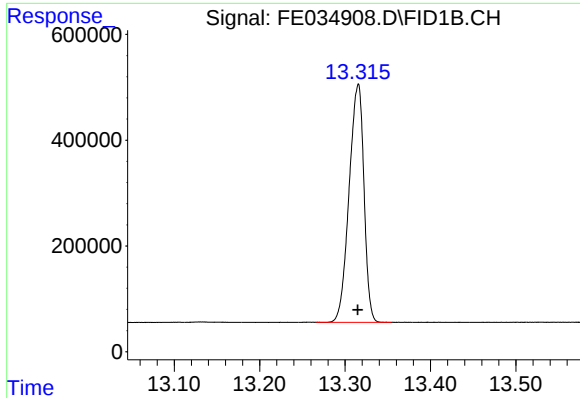
#11 n-Heneicosane (C21)

R.T.: 12.732 min
Delta R.T.: 0.000 min
Response: 5519002
Conc: 21.07 ug/ml



#12 1-chlorooctadecane (SURR)

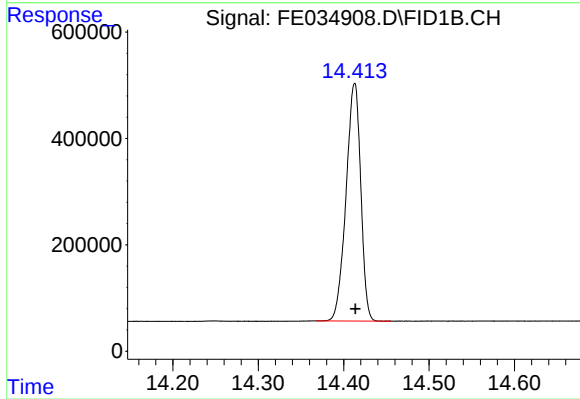
R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 4751429
Conc: 21.25 ug/ml



#13 n-Docosane (C22)

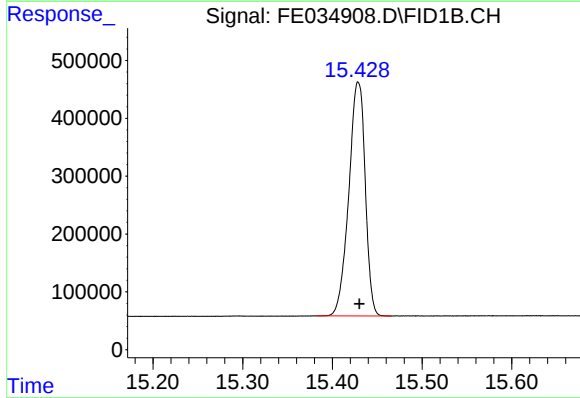
R.T.: 13.315 min
Delta R.T.: 0.000 min
Response: 5436309
Conc: 21.09 ug/ml

Instrument :
FID_E
ClientSampleId :



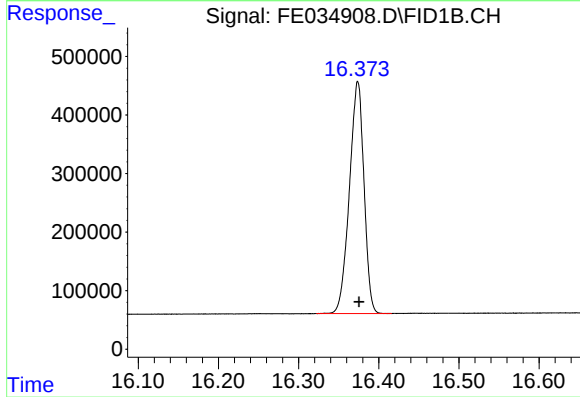
#14 n-Tetracosane (C24)

R.T.: 14.413 min
Delta R.T.: -0.001 min
Response: 5347325
Conc: 21.09 ug/ml



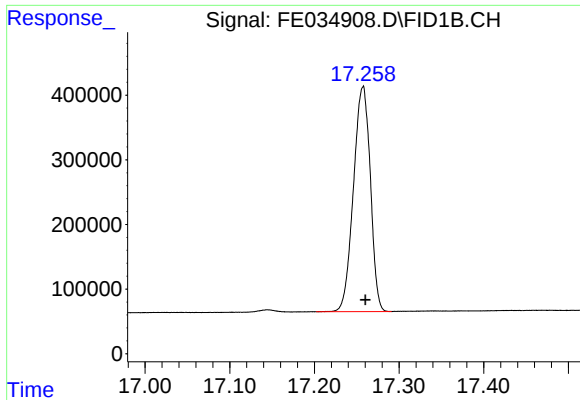
#15 n-Hexacosane (C26)

R.T.: 15.429 min
Delta R.T.: -0.001 min
Response: 5141749
Conc: 21.06 ug/ml



#16 n-Octacosane (C28)

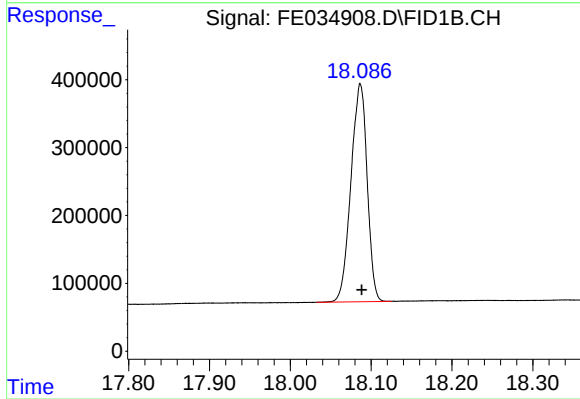
R.T.: 16.374 min
Delta R.T.: -0.001 min
Response: 5008931
Conc: 21.05 ug/ml



#17 n-Tricontane (C30)

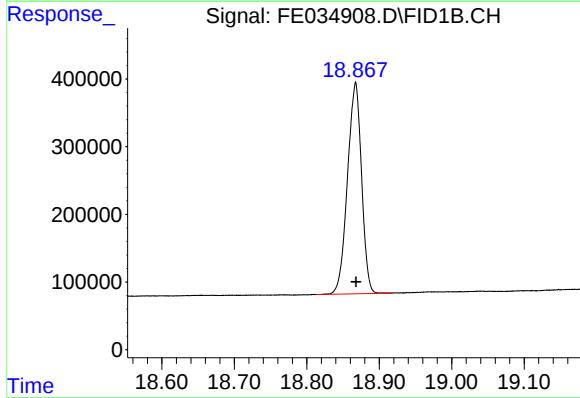
R.T.: 17.257 min
Delta R.T.: -0.003 min
Response: 4824286
Conc: 20.98 ug/ml

Instrument :
FID_E
ClientSampleId :



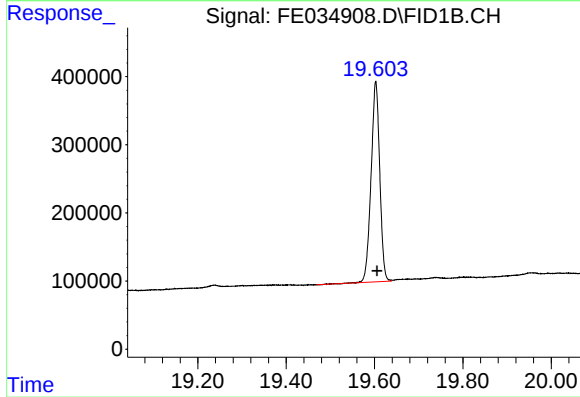
#18 n-Dotriacontane (C32)

R.T.: 18.087 min
Delta R.T.: -0.002 min
Response: 4478322
Conc: 20.95 ug/ml



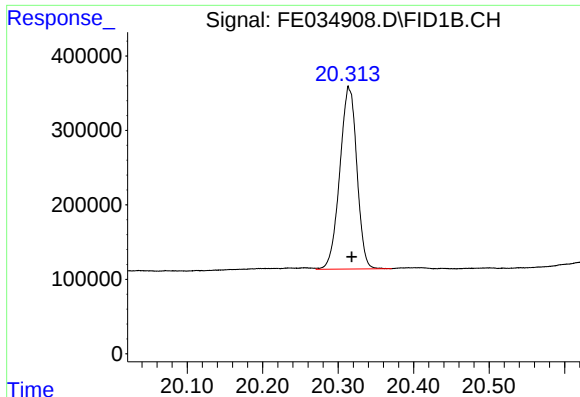
#19 n-Tetratriacontane (C34)

R.T.: 18.867 min
Delta R.T.: 0.000 min
Response: 4206536
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

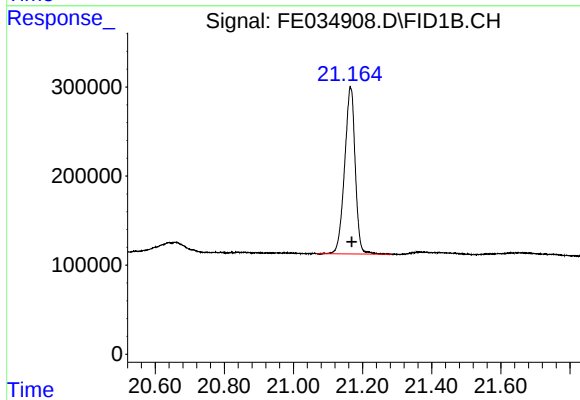
R.T.: 19.603 min
Delta R.T.: -0.003 min
Response: 4002657
Conc: 21.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.314 min
Delta R.T.: -0.004 min
Response: 3843864
Conc: 21.13 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.165 min
Delta R.T.: -0.004 min
Response: 3997444
Conc: 21.82 ug/ml