

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049591.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 11:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 14 11:48:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.888	3330116	20.593 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
12) S 1-chlorooctadecane (S...	13.323	2535082	20.778 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
Target Compounds			
1) T n-Nonane (C9)	3.277	3173021	20.504 ug/ml
2) T n-Decane (C10)	4.528	3231573	20.467 ug/ml
3) T A~Naphthalene (C11.7)	6.234	3319998	20.691 ug/ml
4) T n-Dodecane (C12)	6.695	3218893	20.475 ug/ml
5) T A~2-methylnaphthalene...	7.330	3114252	20.796 ug/ml
6) T n-Tetradecane (C14)	8.522	3163205	20.490 ug/ml
7) T n-Hexadecane (C16)	10.128	3204256	20.516 ug/ml
8) T n-Octadecane (C18)	11.570	3237690	20.615 ug/ml
10) T n-Eicosane (C20)	12.878	3075399	20.598 ug/ml
11) T n-Heneicosane (C21)	13.489	3026610	20.632 ug/ml
13) T n-Docosane (C22)	14.074	3006301	20.626 ug/ml
14) T n-Tetracosane (C24)	15.176	2991927	20.568 ug/ml
15) T n-Hexacosane (C26)	16.195	2962350	20.526 ug/ml
16) T n-Octacosane (C28)	17.144	2968551	20.609 ug/ml
17) T n-Tricontane (C30)	18.030	3081082	20.581 ug/ml
18) T n-Dotriacontane (C32)	18.861	3107460	20.541 ug/ml
19) T n-Tetratriacontane (C34)	19.644	3143335	20.561 ug/ml
20) T n-Hexatriacontane (C36)	20.384	3130262	20.614 ug/ml
21) T n-Octatriacontane (C38)	21.113	3161278	20.142 ug/ml
22) T n-Tetracontane (C40)	22.007	3114921	20.402 ug/ml

(f)=RT Delta > 1/2 Window

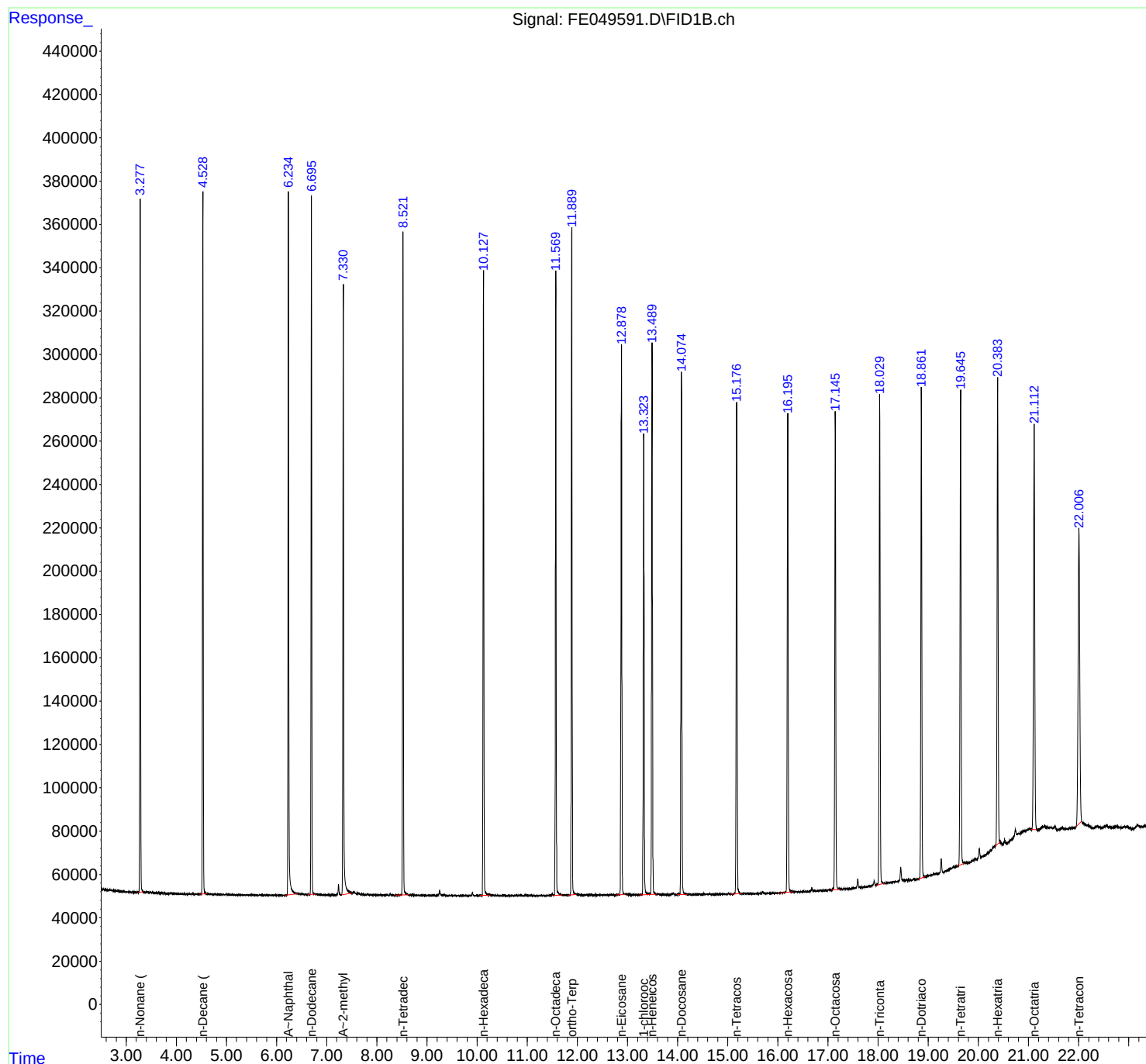
(m)=manual int.

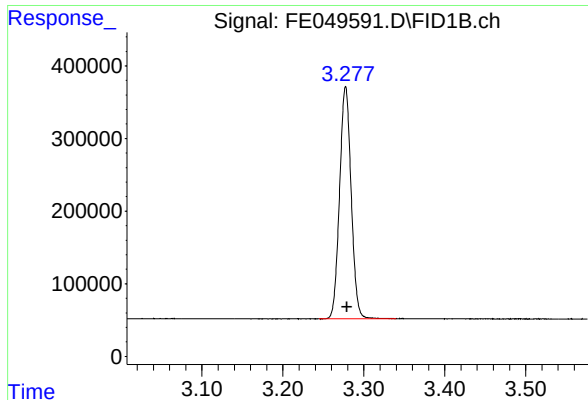
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#1 n-Nonane (C9)

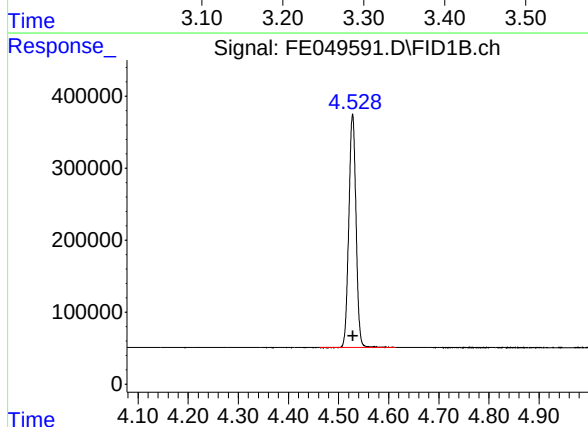
R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 3173021
Conc: 20.50 ug/ml

Instrument :

FID_E

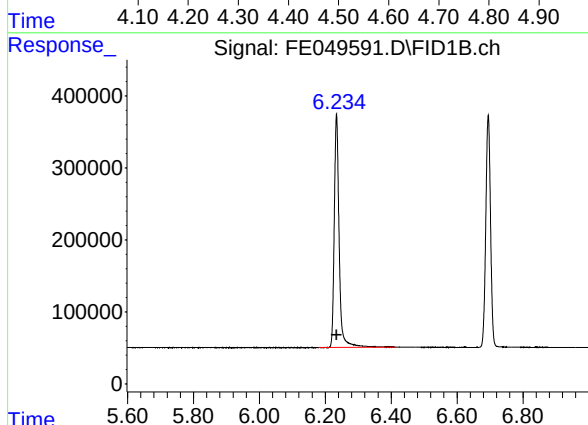
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



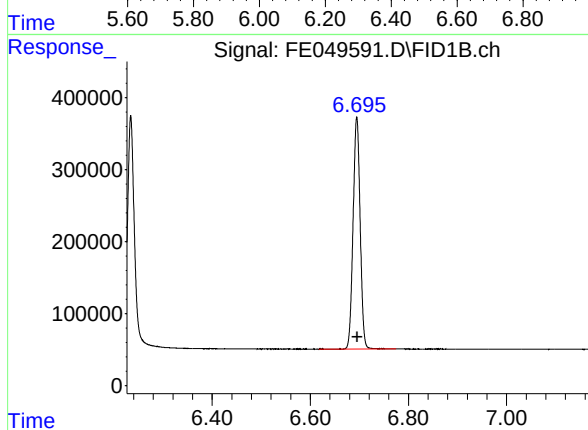
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 3231573
Conc: 20.47 ug/ml



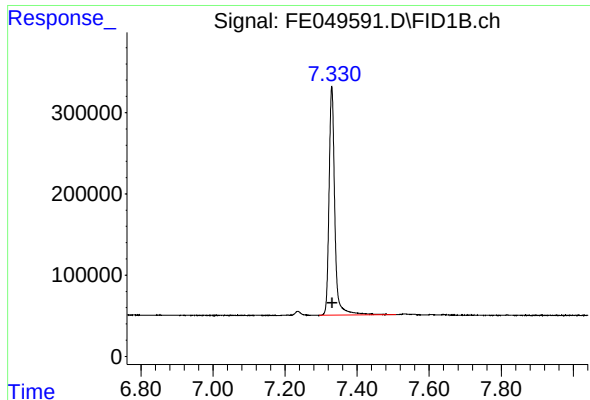
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 3319998
Conc: 20.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 3218893
Conc: 20.48 ug/ml



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

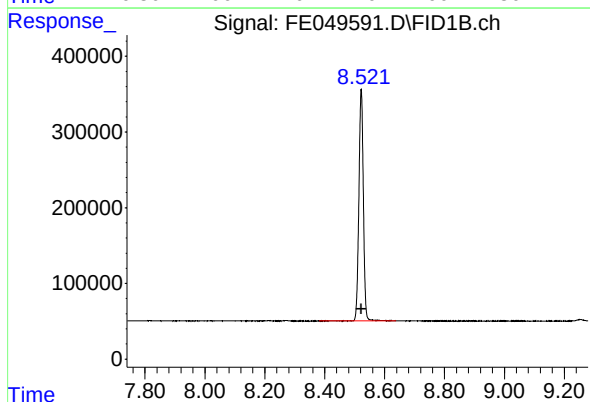
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3114252
Conc: 20.80 ug/ml

Instrument :

FID_E

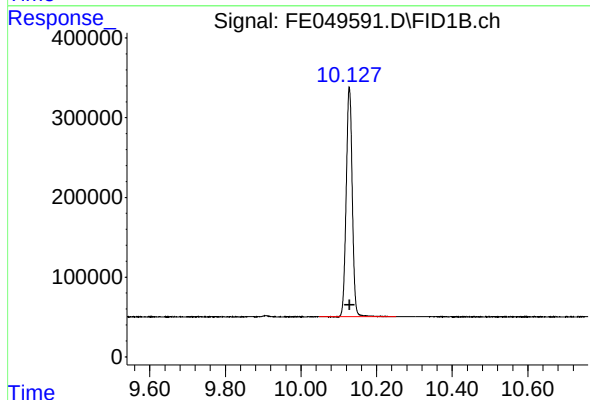
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



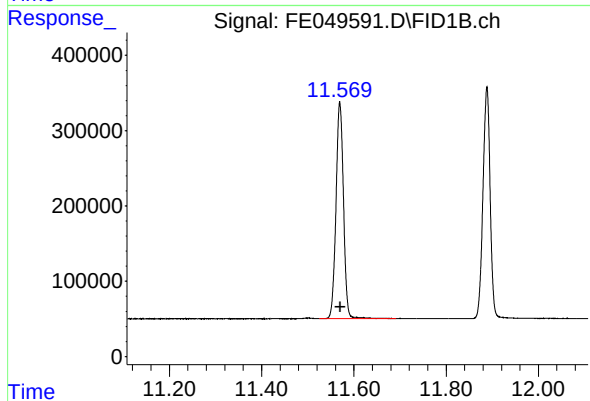
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 3163205
Conc: 20.49 ug/ml



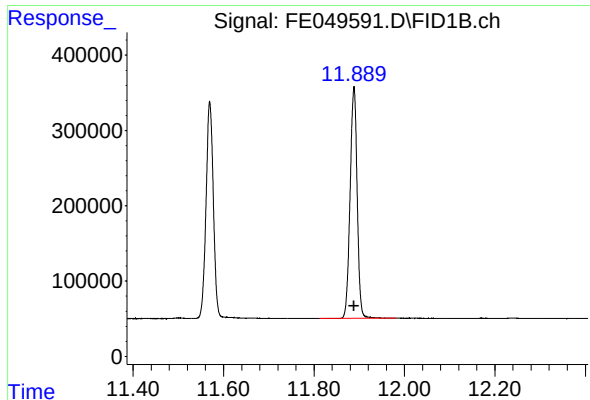
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: 0.000 min
Response: 3204256
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.570 min
Delta R.T.: 0.000 min
Response: 3237690
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

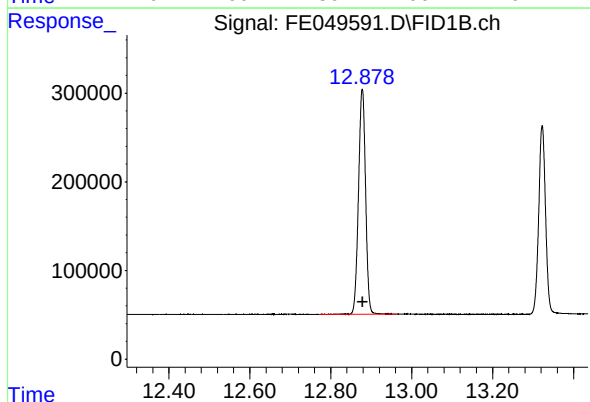
R.T.: 11.888 min
Delta R.T.: 0.000 min
Response: 3330116
Conc: 20.59 ug/ml

Instrument :

FID_E

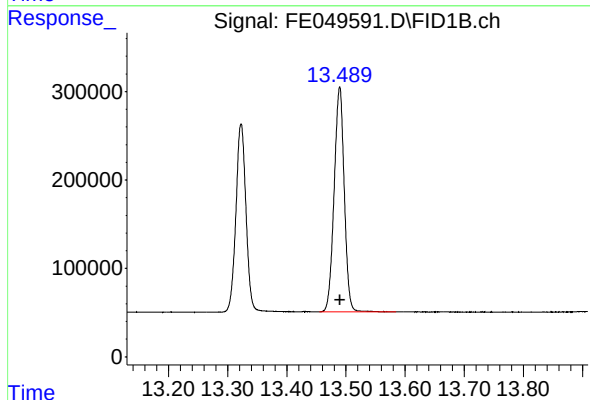
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



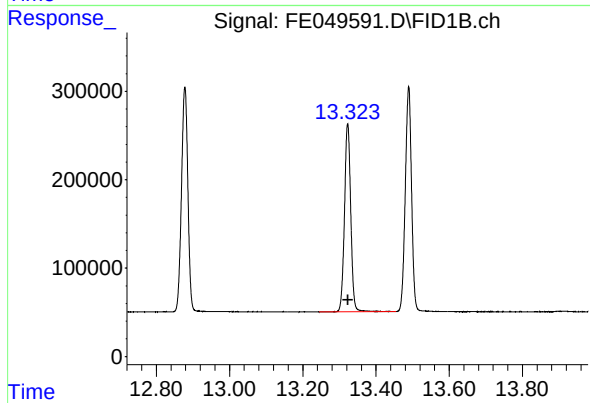
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 3075399
Conc: 20.60 ug/ml



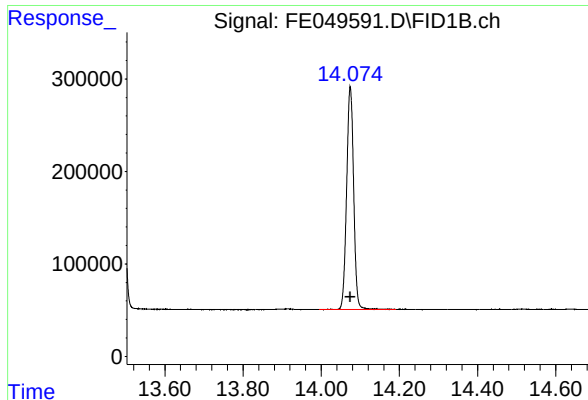
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 3026610
Conc: 20.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: 0.000 min
Response: 2535082
Conc: 20.78 ug/ml



#13 n-Docosane (C22)

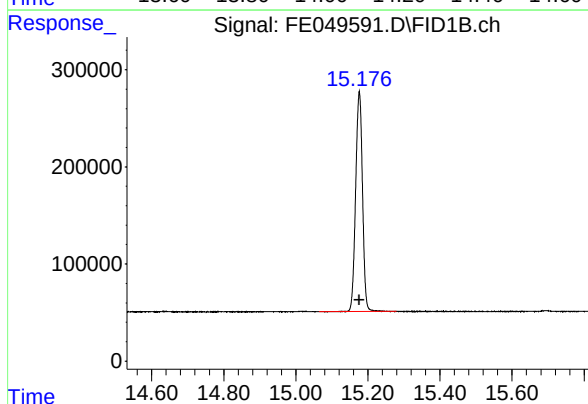
R.T.: 14.074 min
Delta R.T.: 0.000 min
Response: 3006301
Conc: 20.63 ug/ml

Instrument :

FID_E

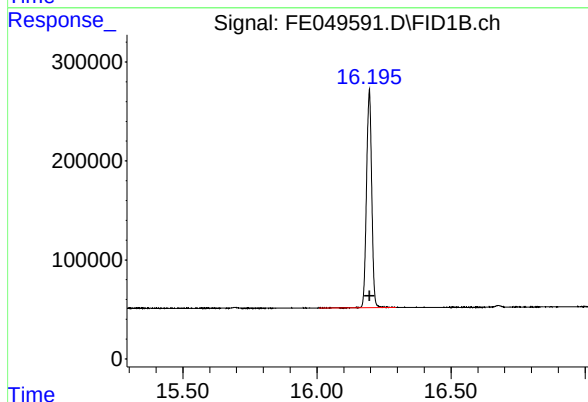
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



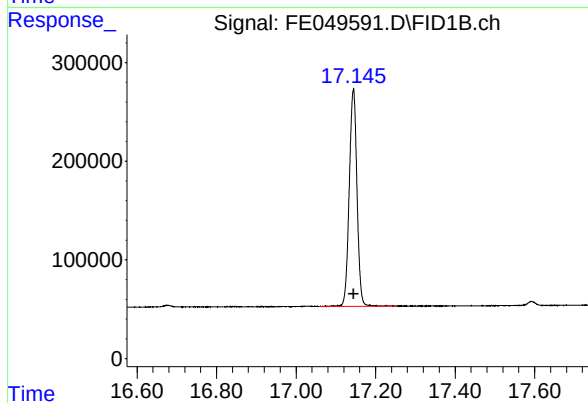
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: 0.000 min
Response: 2991927
Conc: 20.57 ug/ml



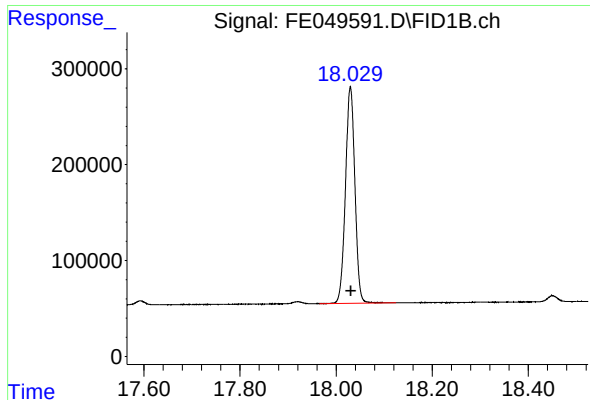
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 2962350
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: 0.000 min
Response: 2968551
Conc: 20.61 ug/ml



#17 n-Tricontane (C30)

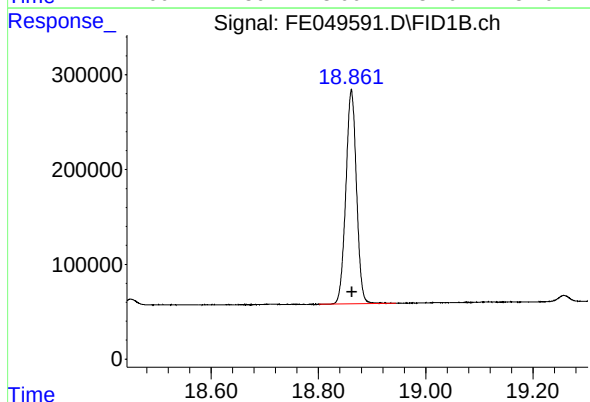
R.T.: 18.030 min
Delta R.T.: -0.001 min
Response: 3081082
Conc: 20.58 ug/ml

Instrument :

FID_E

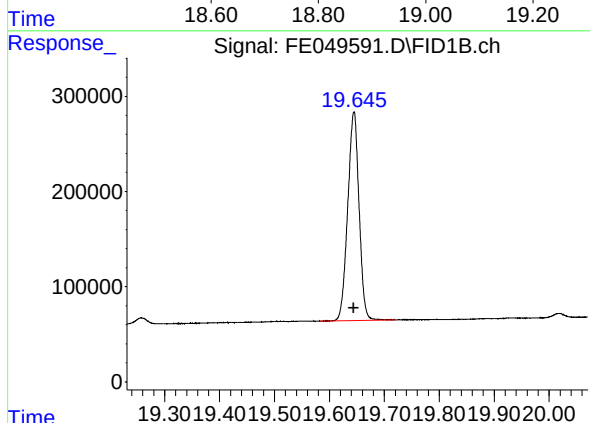
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



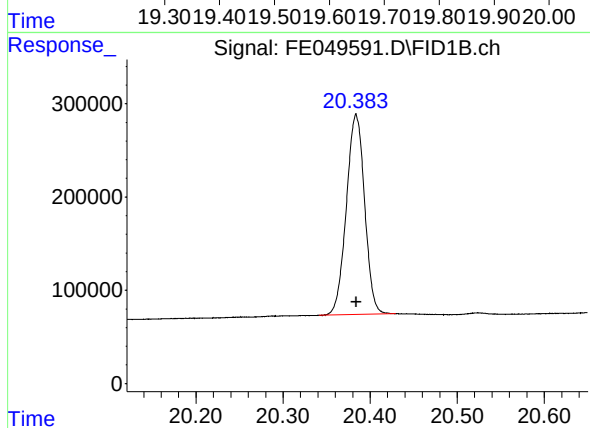
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.000 min
Response: 3107460
Conc: 20.54 ug/ml



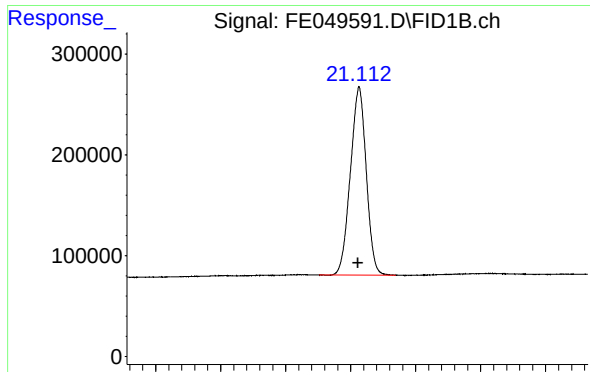
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.000 min
Response: 3143335
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 3130262
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

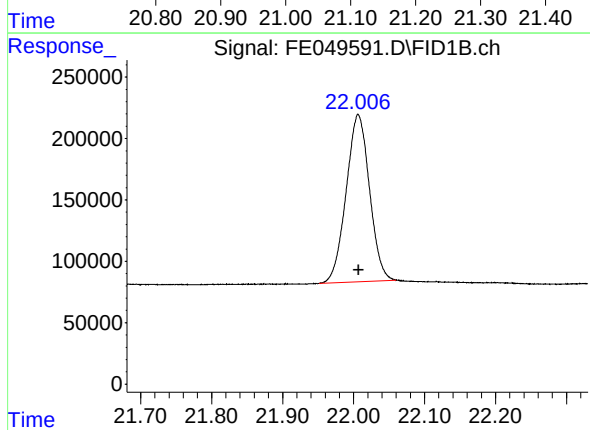
R.T.: 21.113 min
Delta R.T.: 0.001 min
Response: 3161278
Conc: 20.14 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.000 min
Response: 3114921
Conc: 20.40 ug/ml