

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020223AL\
 Data File : FE040174.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2023 03:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 02 04:58:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 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)	11.896	3249046	20.073 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
12) S 1-chlorooctadecane (S...	13.335	2485336	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.293	2798481	20.561 ug/ml
2) T n-Decane (C10)	4.541	2740605	20.626 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3026252	20.678 ug/ml
4) T n-Dodecane (C12)	6.705	2771498	20.585 ug/ml
5) T A~2-methylnaphthalene...	7.338	2825248	20.873 ug/ml
6) T n-Tetradecane (C14)	8.531	2820217	20.464 ug/ml
7) T n-Hexadecane (C16)	10.138	2917939	20.331 ug/ml
8) T n-Octadecane (C18)	11.581	2996180	20.142 ug/ml
10) T n-Eicosane (C20)	12.890	2933085	19.950 ug/ml
11) T n-Heneicosane (C21)	13.502	2944530	19.964 ug/ml
13) T n-Docosane (C22)	14.089	2917600	19.691 ug/ml
14) T n-Tetracosane (C24)	15.191	2903369	19.126 ug/ml
15) T n-Hexacosane (C26)	16.213	2793280	18.842 ug/ml
16) T n-Octacosane (C28)	17.165	2755273	18.385 ug/ml
17) T n-Tricontane (C30)	18.053	2672567	18.113 ug/ml
18) T n-Dotriacontane (C32)	18.887	2647613	18.078 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2578203	18.744 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2476989	18.674 ug/ml
21) T n-Octatriacontane (C38)	21.142	2476844	19.092 ug/ml
22) T n-Tetracontane (C40)	22.042	2539009	19.123 ug/ml

(f)=RT Delta > 1/2 Window

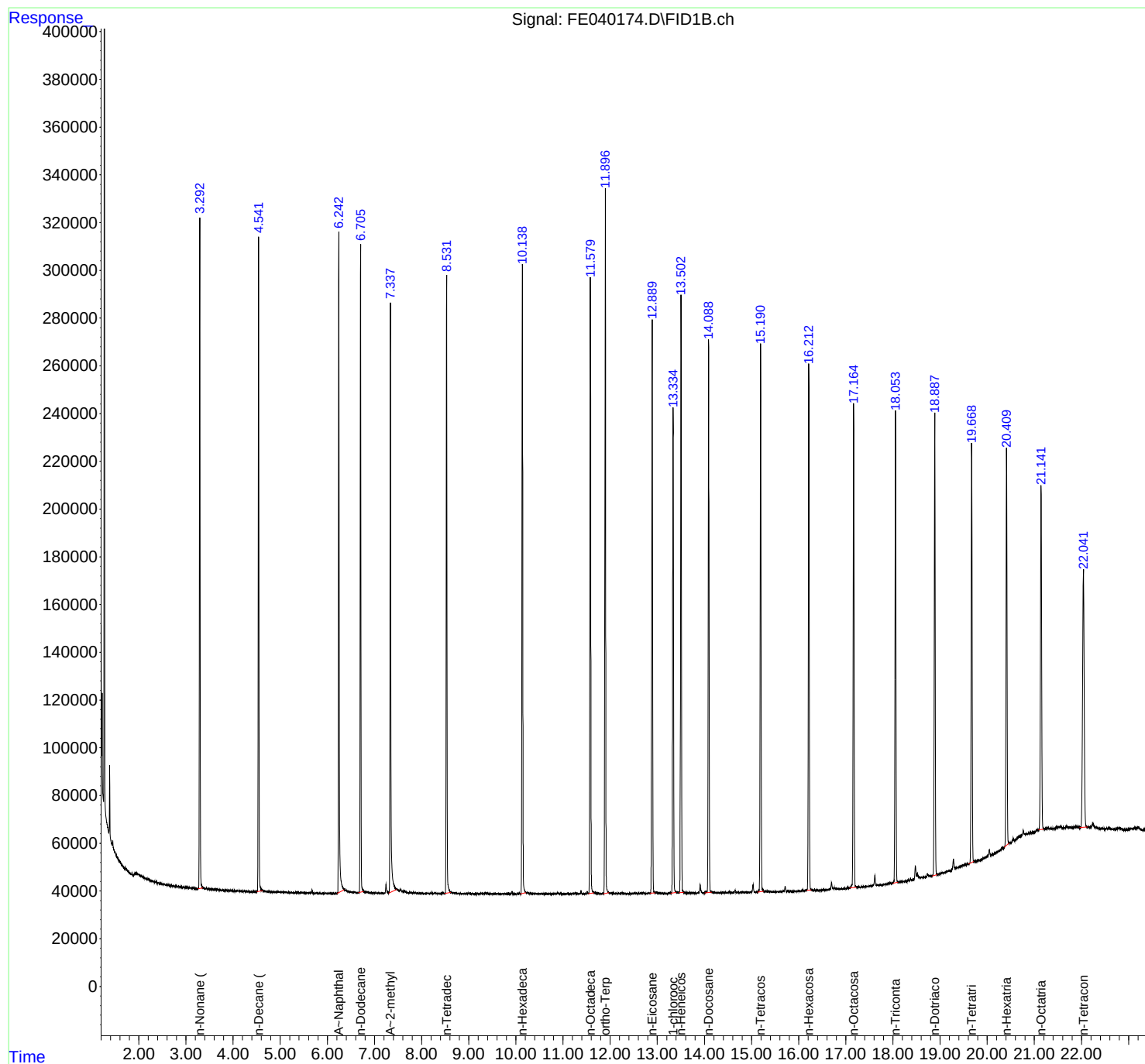
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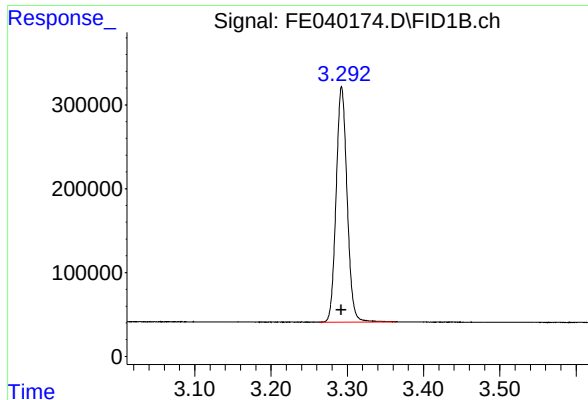
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#1 n-Nonane (C9)

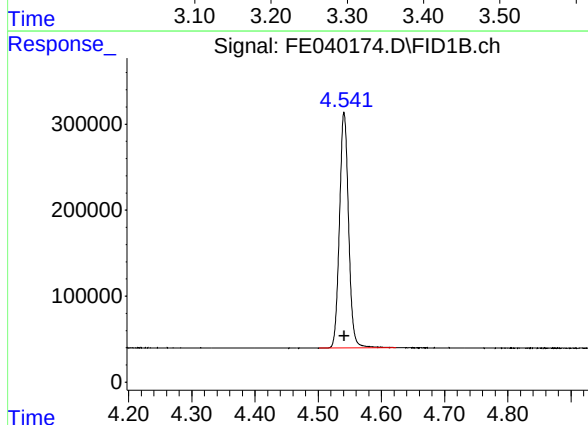
R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 2798481
Conc: 20.56 ug/ml

Instrument :

FID_E

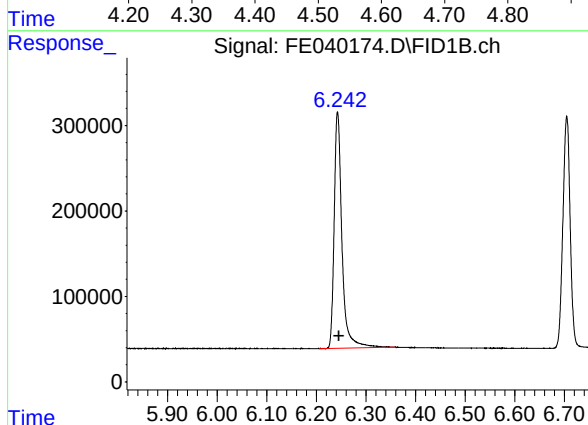
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



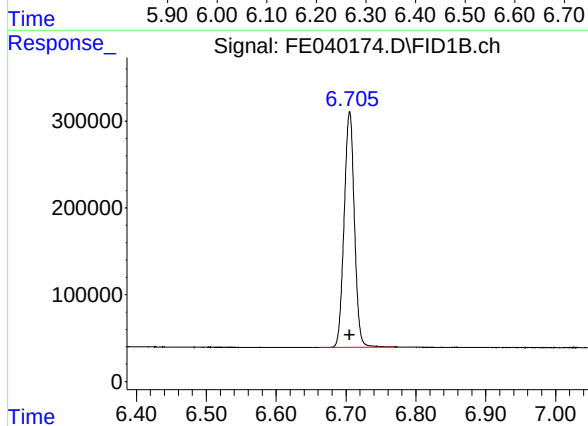
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 2740605
Conc: 20.63 ug/ml



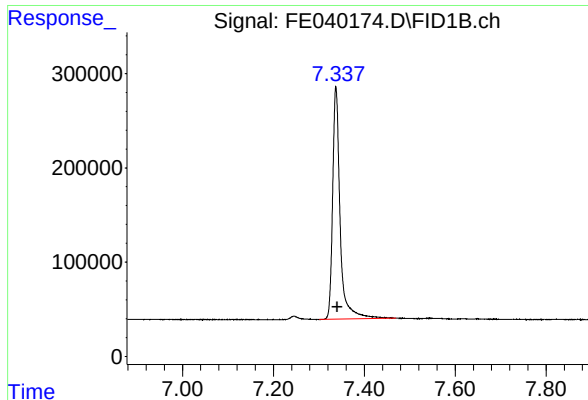
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 3026252
Conc: 20.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 2771498
Conc: 20.58 ug/ml



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

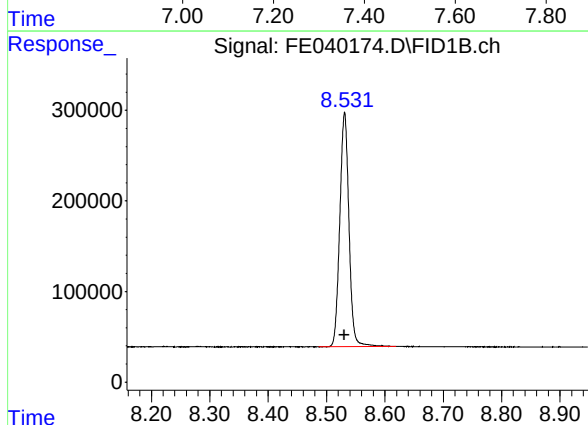
R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 2825248
Conc: 20.87 ug/ml

Instrument :

FID_E

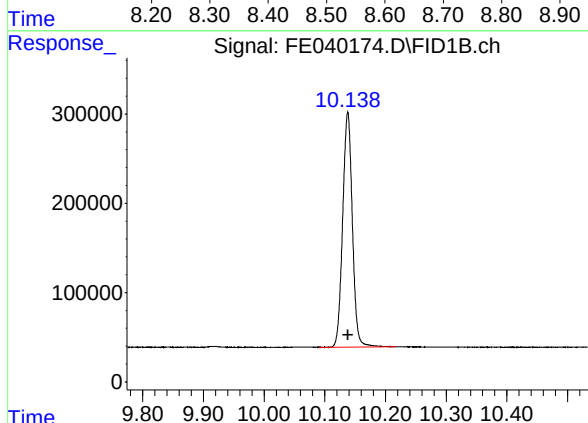
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



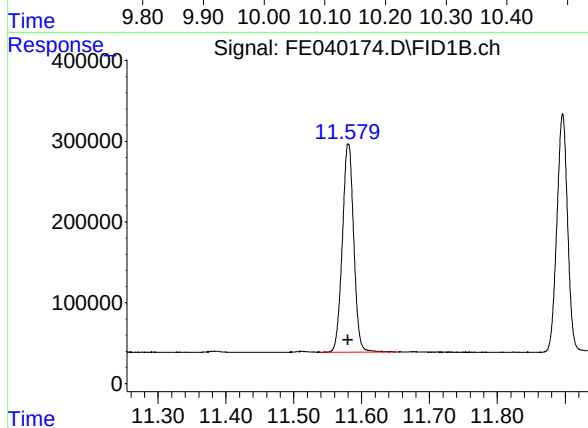
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 2820217
Conc: 20.46 ug/ml



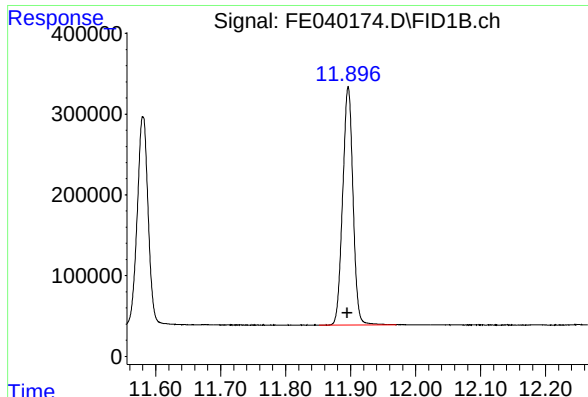
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 2917939
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 2996180
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

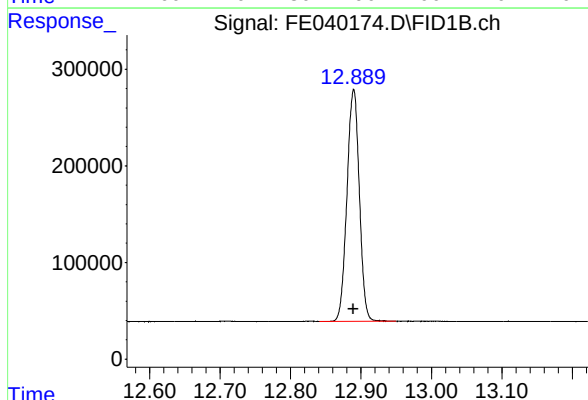
R.T.: 11.896 min
Delta R.T.: 0.002 min
Response: 3249046
Conc: 20.07 ug/ml

Instrument :

FID_E

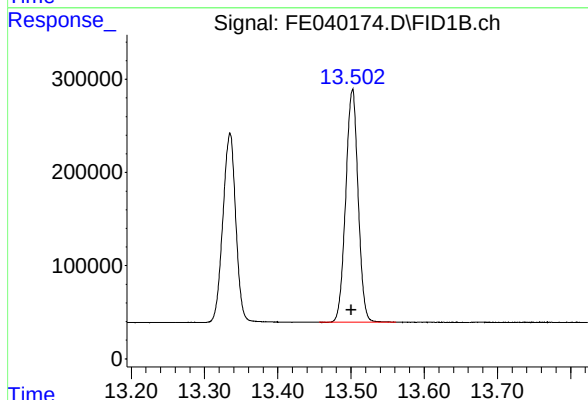
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



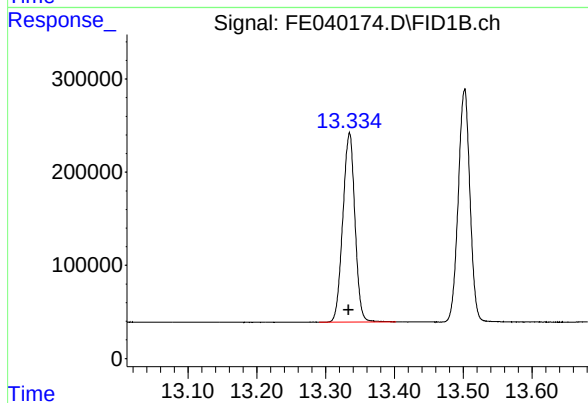
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: 0.000 min
Response: 2933085
Conc: 19.95 ug/ml



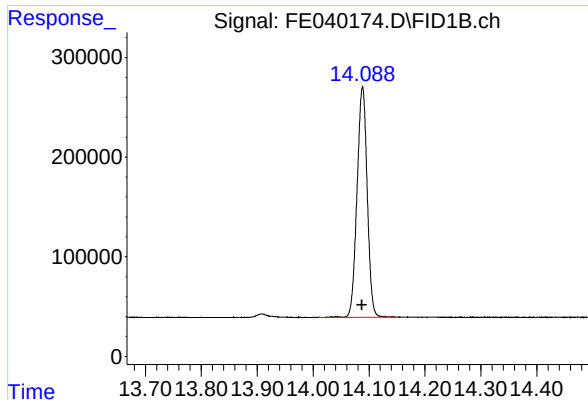
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: 0.001 min
Response: 2944530
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: 0.001 min
Response: 2485336
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

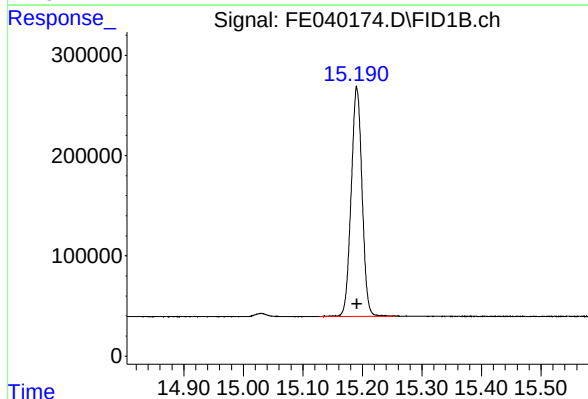
R.T.: 14.089 min
Delta R.T.: 0.000 min
Response: 2917600
Conc: 19.69 ug/ml

Instrument :

FID_E

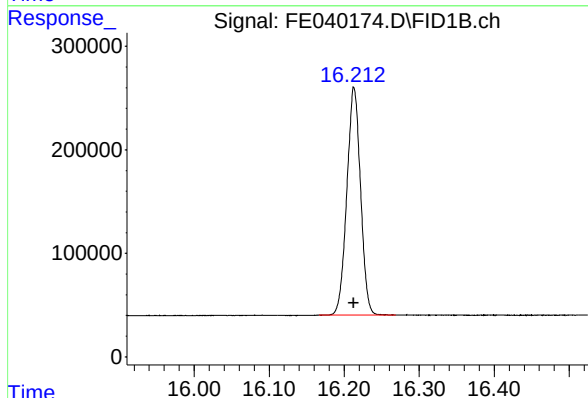
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



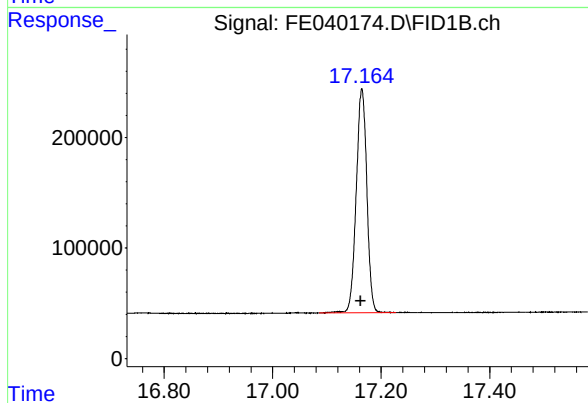
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 2903369
Conc: 19.13 ug/ml



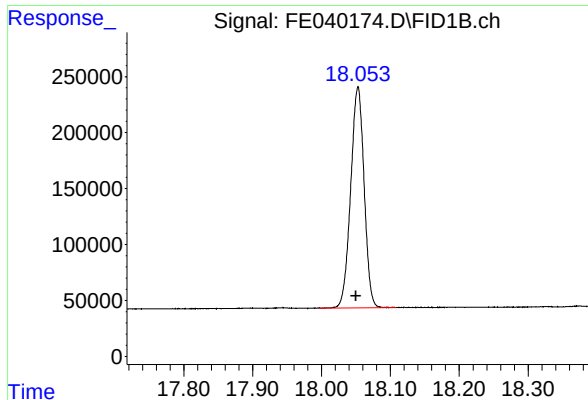
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 2793280
Conc: 18.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: 0.002 min
Response: 2755273
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

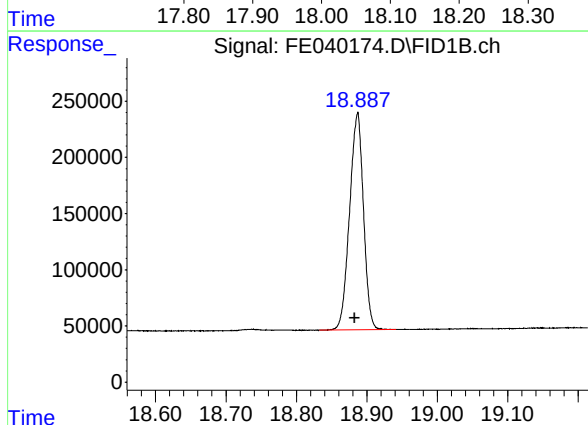
R.T.: 18.053 min
Delta R.T.: 0.003 min
Response: 2672567
Conc: 18.11 ug/ml

Instrument :

FID_E

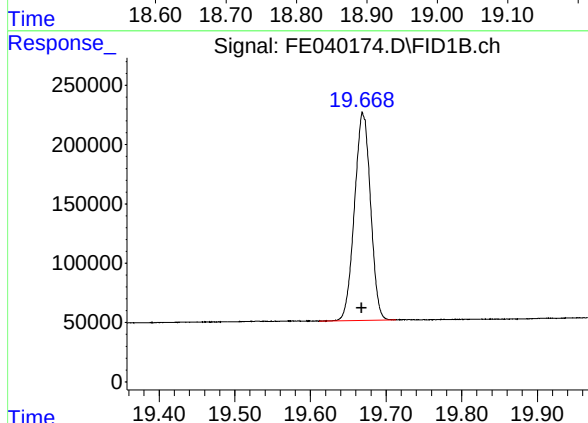
ClientSampleId :

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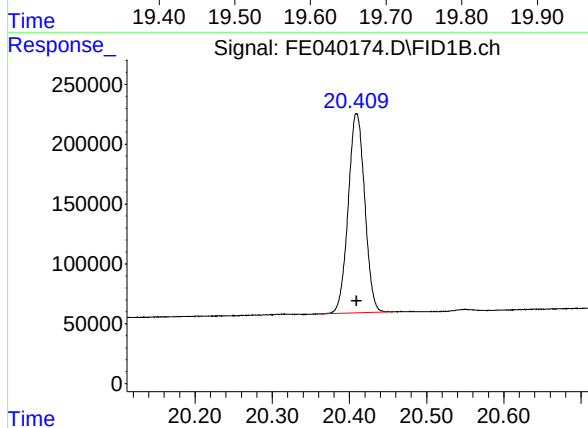
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: 0.004 min
Response: 2647613
Conc: 18.08 ug/ml



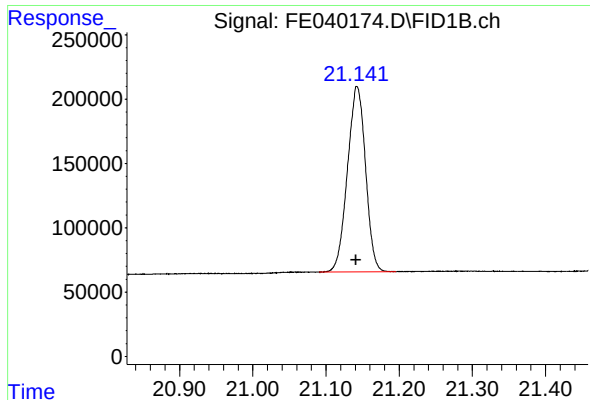
#19 n-Tetatriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.002 min
Response: 2578203
Conc: 18.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 2476989
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

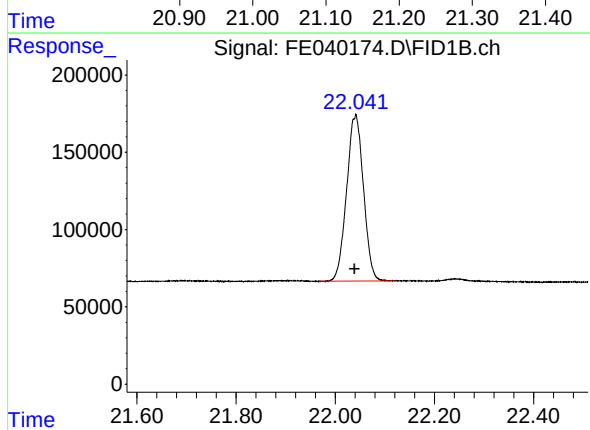
R.T.: 21.142 min
Delta R.T.: 0.001 min
Response: 2476844
Conc: 19.09 ug/ml

Instrument :

FID_E

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: 0.003 min
Response: 2539009
Conc: 19.12 ug/ml