

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AL\
 Data File : FD036188.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2021 17:58
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 16 04:04:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 04:03:52 2021
 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)	11.521	14033866	99.840 ug/ml
Spiked Amount 50.000		Recovery =	199.68%
12) S 1-chlorooctadecane (S...	12.950	11151332	99.341 ug/ml
Spiked Amount 50.000		Recovery =	198.68%
Target Compounds			
1) T n-Nonane (C9)	3.310	12050562	100.366 ug/ml
2) T n-Decane (C10)	4.374	12168095	100.432 ug/ml
3) T A~Naphthalene (C11.7)	5.950	13732562	100.682 ug/ml
4) T n-Dodecane (C12)	6.385	12417132	100.650 ug/ml
5) T A~2-methylnaphthalene...	7.004	14078148	101.008 ug/ml
6) T n-Tetradecane (C14)	8.174	12552242	100.101 ug/ml
7) T n-Hexadecane (C16)	9.769	12417811	100.195 ug/ml
8) T n-Octadecane (C18)	11.207	12931223	99.589 ug/ml
10) T n-Eicosane (C20)	12.509	13039826	98.901 ug/ml
11) T n-Heneicosane (C21)	13.119	13042564	98.766 ug/ml
13) T n-Docosane (C22)	13.702	13057847	98.578 ug/ml
14) T n-Tetracosane (C24)	14.799	13087276	98.044 ug/ml
15) T n-Hexacosane (C26)	15.814	12965958	97.237 ug/ml
16) T n-Octacosane (C28)	16.758	12891440	96.373 ug/ml
17) T n-Tricontane (C30)	17.640	12676277	94.857 ug/ml
18) T n-Dotriacontane (C32)	18.467	12211155	93.349 ug/ml
19) T n-Tetratriacontane (C34)	19.245	11894734	92.202 ug/ml
20) T n-Hexatriacontane (C36)	19.980	11292544	91.351 ug/ml
21) T n-Octatriacontane (C38)	20.692	10529211	90.607 ug/ml
22) T n-Tetracontane (C40)	21.551	10535652	90.222 ug/ml

(f)=RT Delta > 1/2 Window

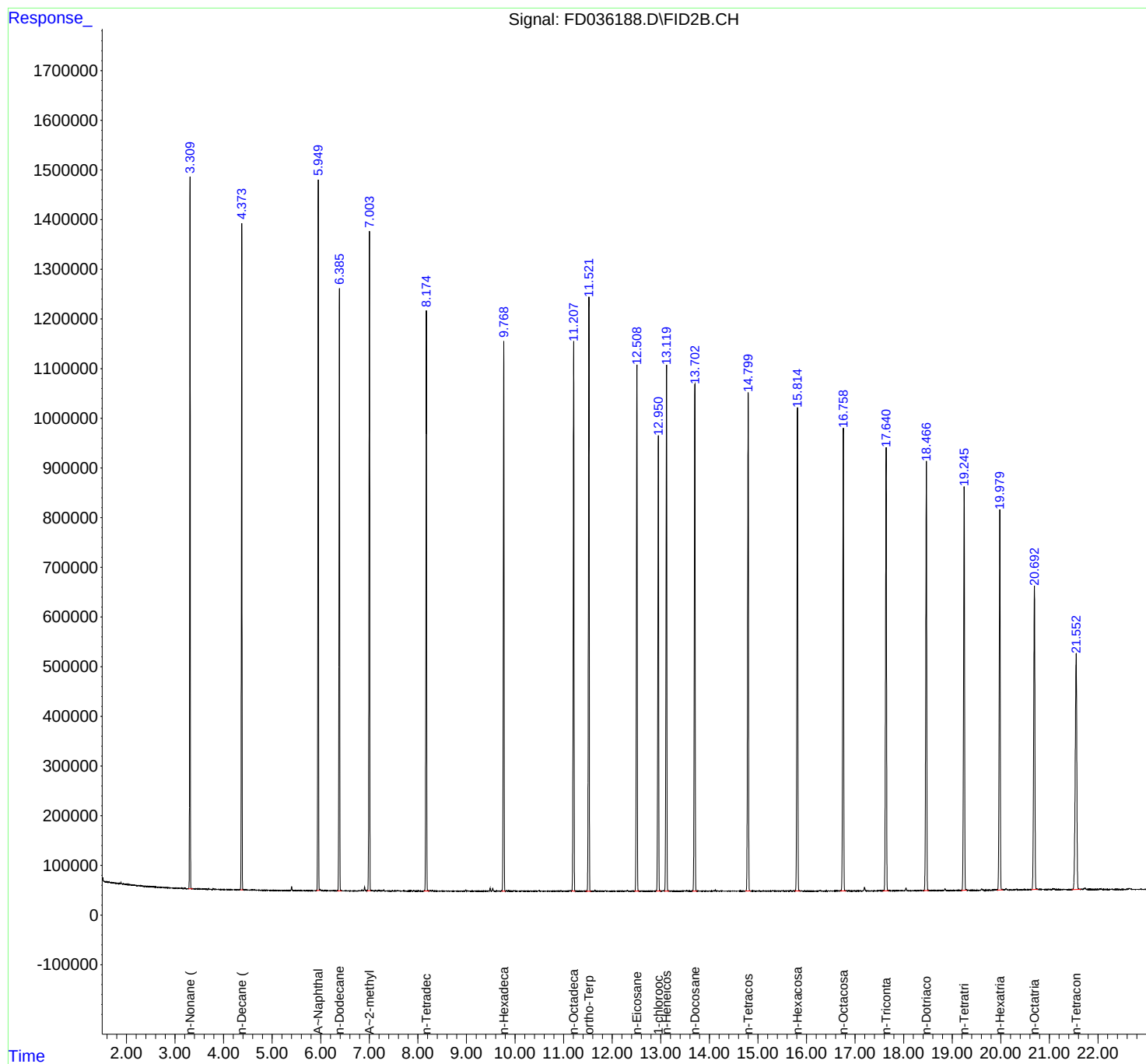
(m)=manual int.

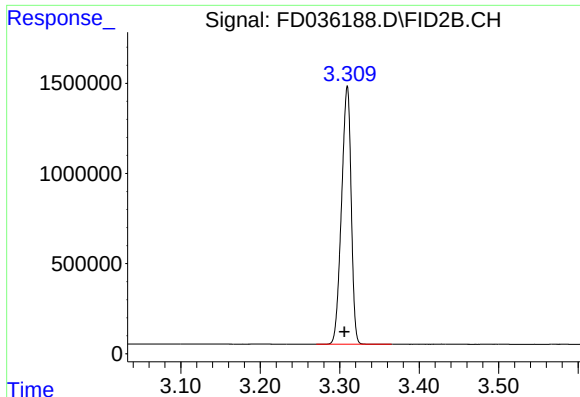
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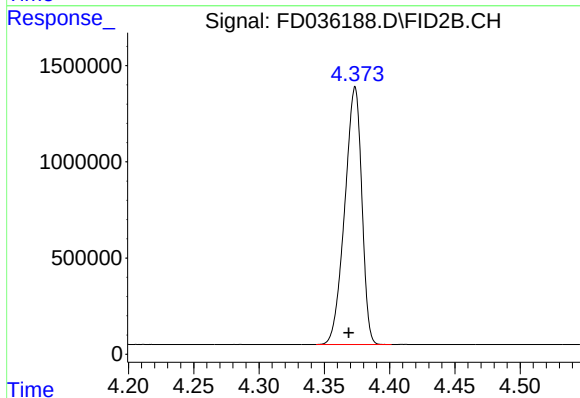




#1 n-Nonane (C9)

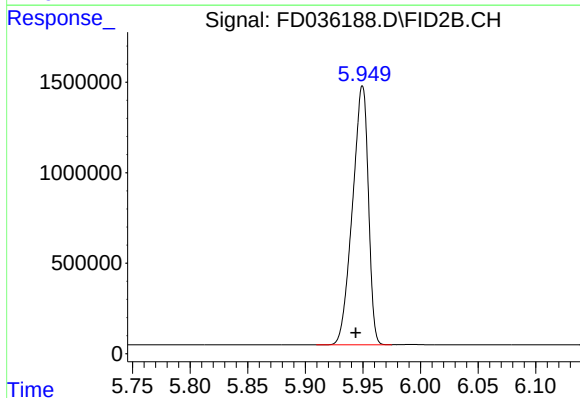
R.T.: 3.310 min
Delta R.T.: 0.004 min
Response: 12050562
Conc: 100.37 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



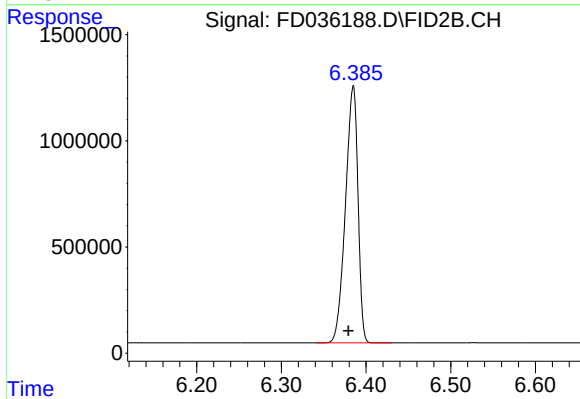
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: 0.005 min
Response: 12168095
Conc: 100.43 ug/ml



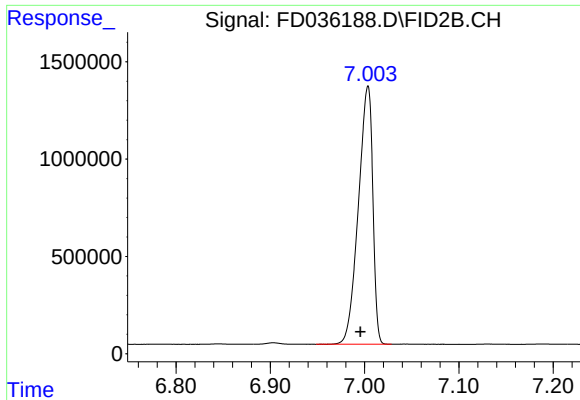
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.006 min
Response: 13732562
Conc: 100.68 ug/ml



#4 n-Dodecane (C12)

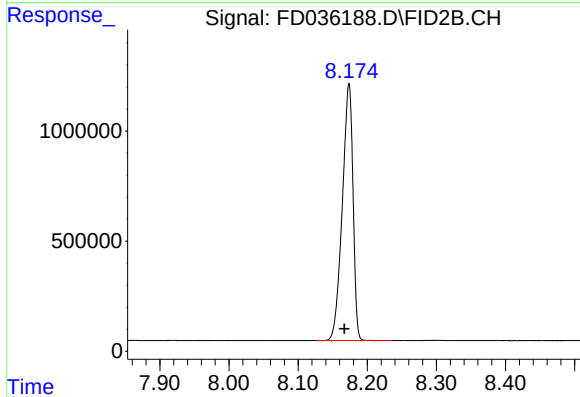
R.T.: 6.385 min
Delta R.T.: 0.006 min
Response: 12417132
Conc: 100.65 ug/ml



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

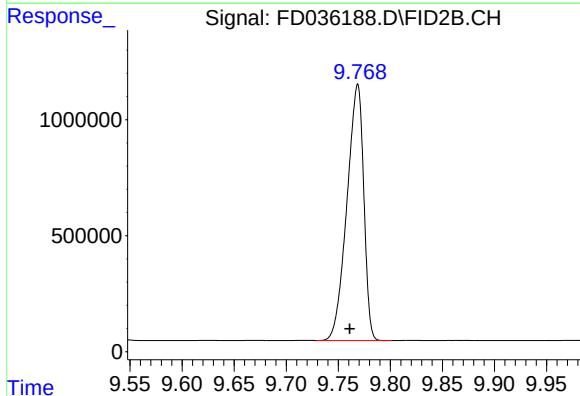
R.T.: 7.004 min
Delta R.T.: 0.008 min
Response: 14078148
Conc: 101.01 ug/ml

Instrument :
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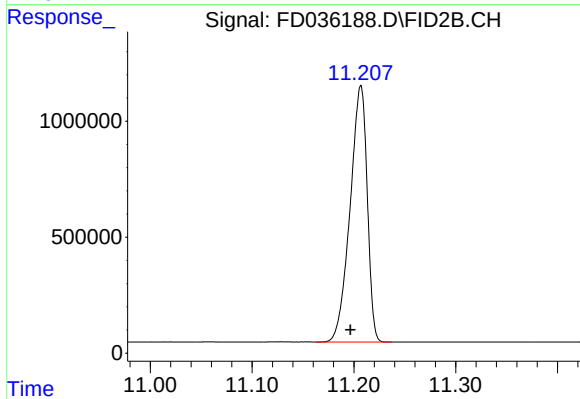
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: 0.007 min
Response: 12552242
Conc: 100.10 ug/ml



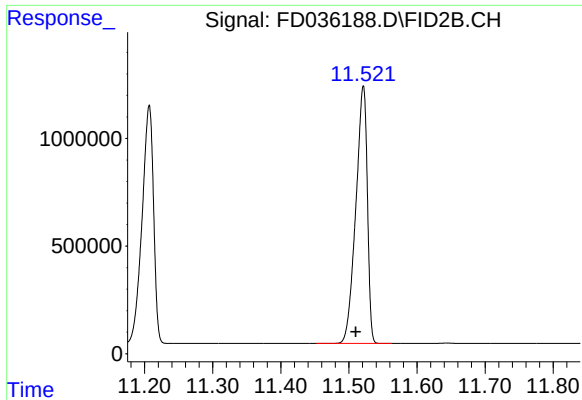
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: 0.008 min
Response: 12417811
Conc: 100.19 ug/ml



#8 n-Octadecane (C18)

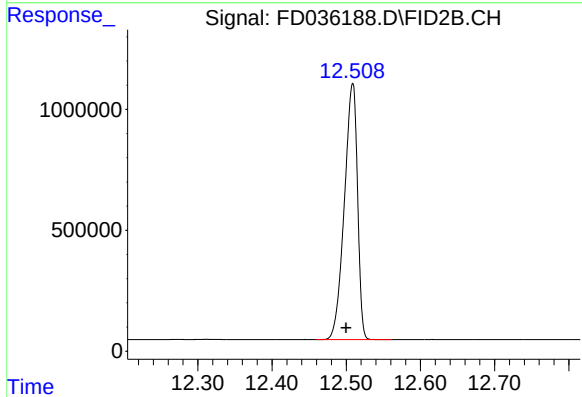
R.T.: 11.207 min
Delta R.T.: 0.010 min
Response: 12931223
Conc: 99.59 ug/ml



#9 ortho-Terphenyl (SURR)

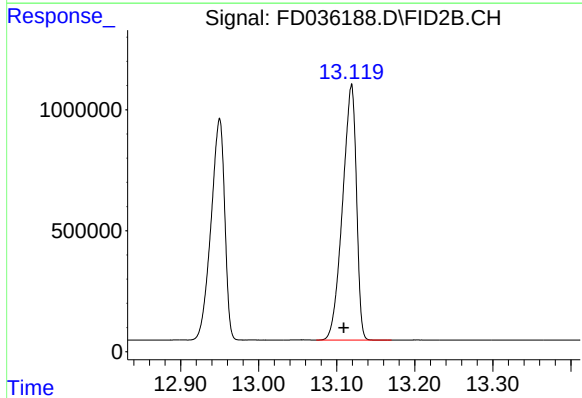
R.T.: 11.521 min
Delta R.T.: 0.011 min
Response: 14033866
Conc: 99.84 ug/ml

Instrument :
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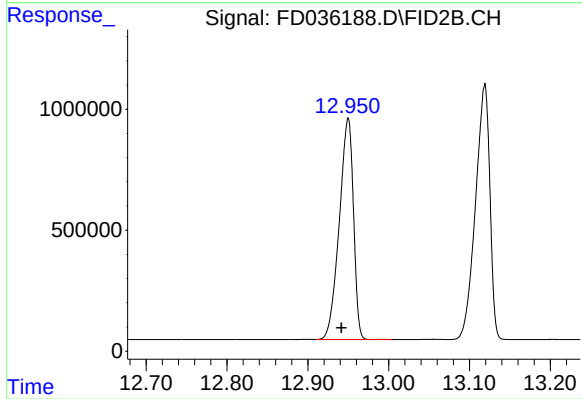
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.009 min
Response: 13039826
Conc: 98.90 ug/ml



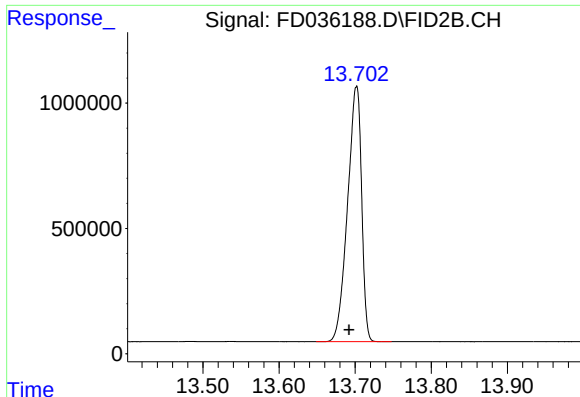
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.010 min
Response: 13042564
Conc: 98.77 ug/ml



#12 1-chlorooctadecane (SURR)

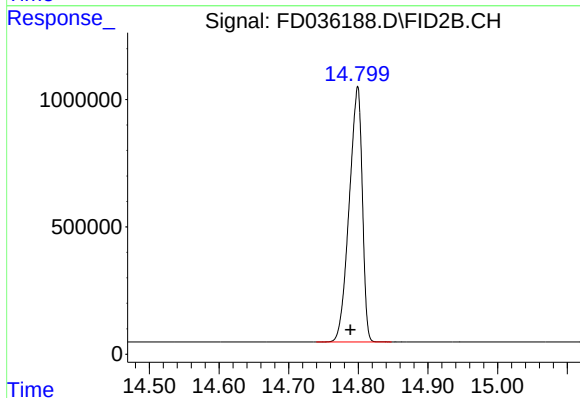
R.T.: 12.950 min
Delta R.T.: 0.009 min
Response: 11151332
Conc: 99.34 ug/ml



#13 n-Docosane (C22)

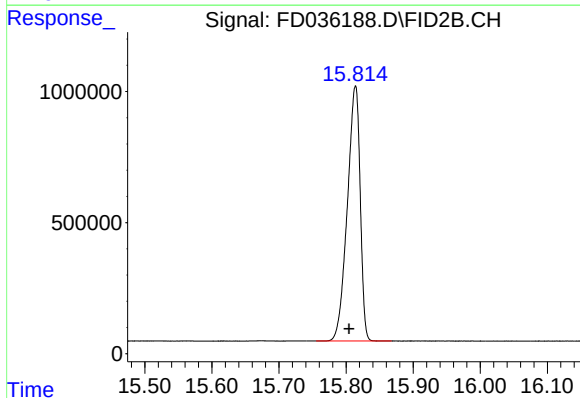
R.T.: 13.702 min
Delta R.T.: 0.010 min
Response: 13057847
Conc: 98.58 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



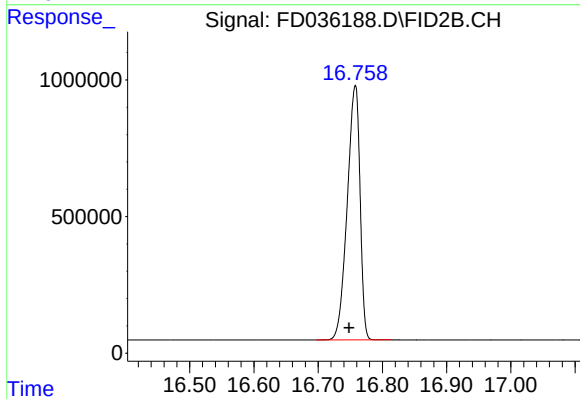
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.010 min
Response: 13087276
Conc: 98.04 ug/ml



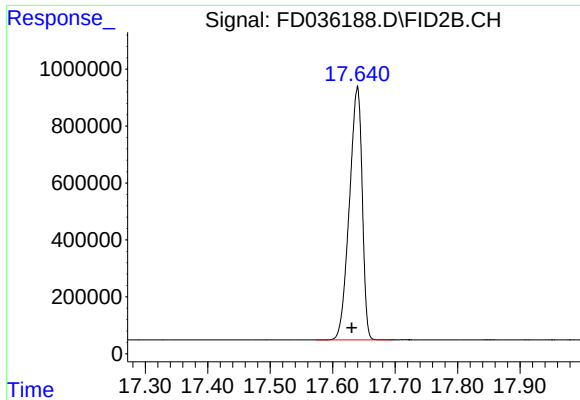
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.009 min
Response: 12965958
Conc: 97.24 ug/ml



#16 n-Octacosane (C28)

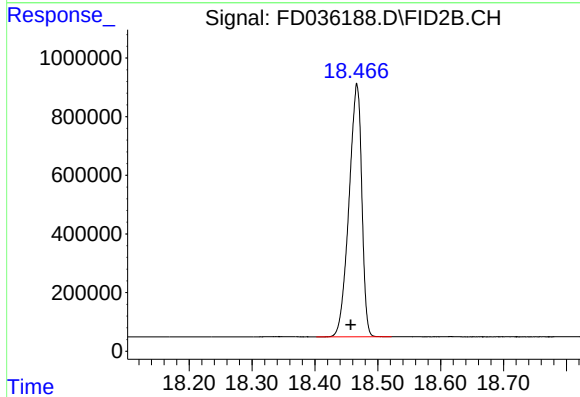
R.T.: 16.758 min
Delta R.T.: 0.010 min
Response: 12891440
Conc: 96.37 ug/ml



#17 n-Tricontane (C30)

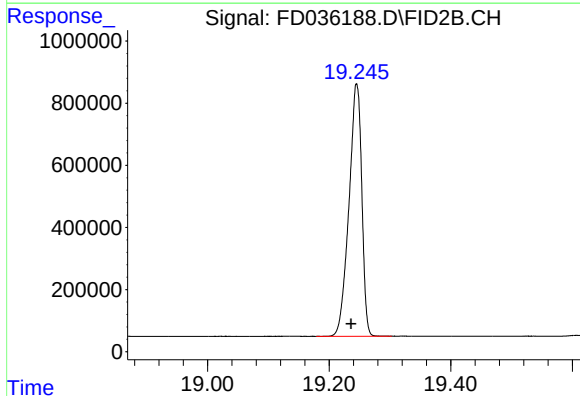
R.T.: 17.640 min
Delta R.T.: 0.009 min
Response: 12676277
Conc: 94.86 ug/ml

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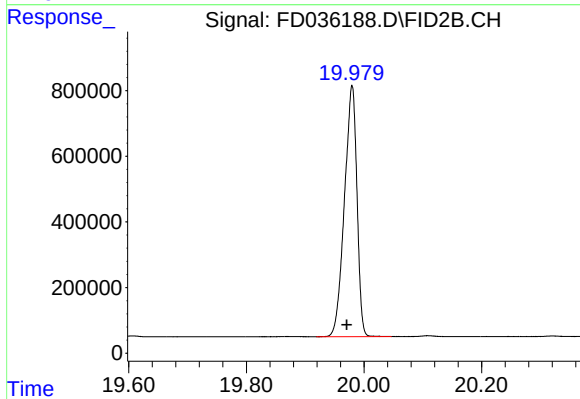
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: 0.010 min
Response: 12211155
Conc: 93.35 ug/ml



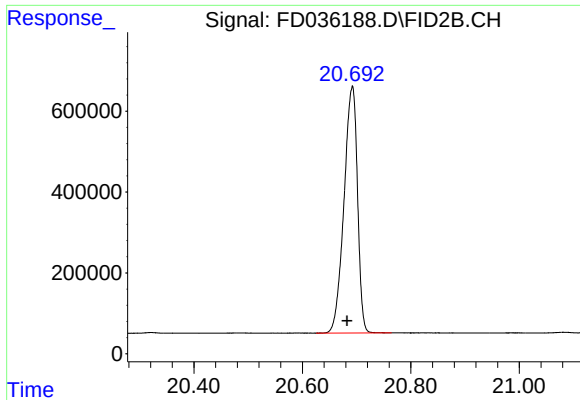
#19 n-Tetratriacontane (C34)

R.T.: 19.245 min
Delta R.T.: 0.009 min
Response: 11894734
Conc: 92.20 ug/ml



#20 n-Hexatriacontane (C36)

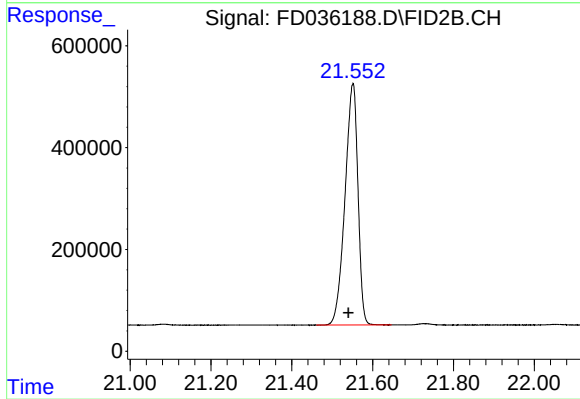
R.T.: 19.980 min
Delta R.T.: 0.009 min
Response: 11292544
Conc: 91.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: 0.010 min
Response: 10529211
Conc: 90.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.551 min
Delta R.T.: 0.012 min
Response: 10535652
Conc: 90.22 ug/ml