

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AL\
 Data File : FD028480.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2019 20:12
 Operator : AJ\SJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 26 04:00:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 03:59:06 2019
 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)	11.035	7145547	51.242 ug/ml
Spiked Amount 50.000		Recovery =	102.48%
12) S 1-chlorooctadecane (S...	12.454	5736046	52.655 ug/ml
Spiked Amount 50.000		Recovery =	105.31%
Target Compounds			
1) T n-Nonane (C9)	2.867	4840129	52.801 ug/ml
2) T n-Decane (C10)	3.889	4998289	53.356 ug/ml
3) T A-Naphthalene (C11.7)	5.466	5598888	52.987 ug/ml
4) T n-Dodecane (C12)	5.884	5130687	54.041 ug/ml
5) T A~2-methylnaphthalene...	6.516	5704203	53.150 ug/ml
6) T n-Tetradecane (C14)	7.674	5362052	54.397 ug/ml
7) T n-Hexadecane (C16)	9.269	5548294	54.061 ug/ml
8) T n-Octadecane (C18)	10.707	5712034	53.163 ug/ml
10) T n-Eicosane (C20)	12.009	5813118	53.106 ug/ml
11) T n-Heneicosane (C21)	12.618	5788516	53.469 ug/ml
13) T n-Docosane (C22)	13.201	5789870	53.278 ug/ml
14) T n-Tetracosane (C24)	14.297	5728229	53.414 ug/ml
15) T n-Hexacosane (C26)	15.311	5584596	53.593 ug/ml
16) T n-Octacosane (C28)	16.255	5436829	53.522 ug/ml
17) T n-Tricontane (C30)	17.136	5184333	53.407 ug/ml
18) T n-Dotriacontane (C32)	17.964	4843803	54.105 ug/ml
19) T n-Tetratriacontane (C34)	18.770	4235793	54.928 ug/ml
20) T n-Hexatriacontane (C36)	19.780	3754168	56.098 ug/ml
21) T n-Octatriacontane (C38)	21.145	3518682	56.061 ug/ml
22) T n-Tetracontane (C40)	23.041	3490103	56.559 ug/ml

(f)=RT Delta > 1/2 Window

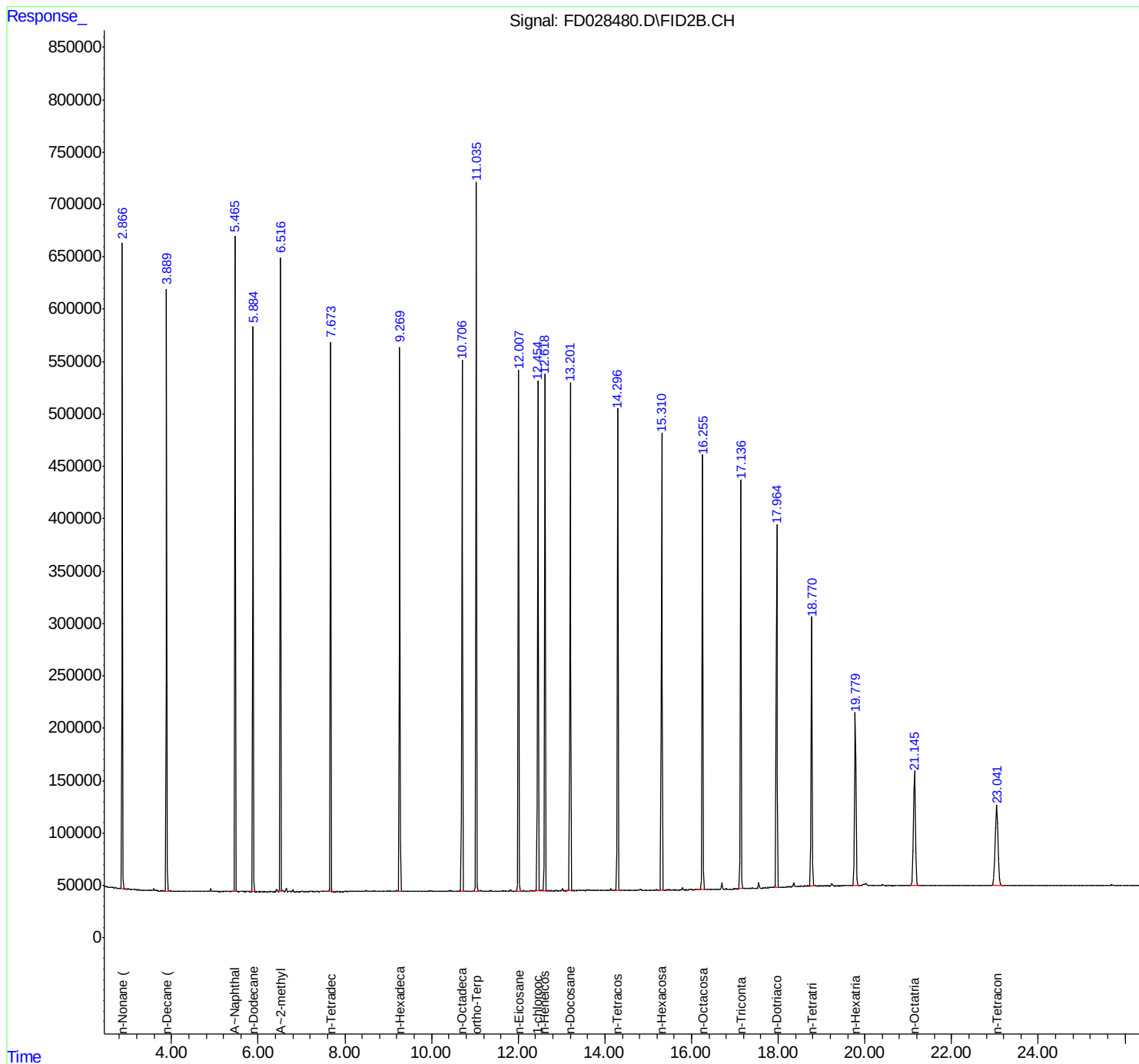
(m)=manual int.

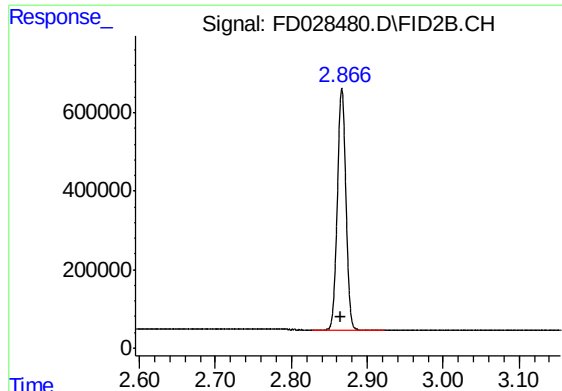
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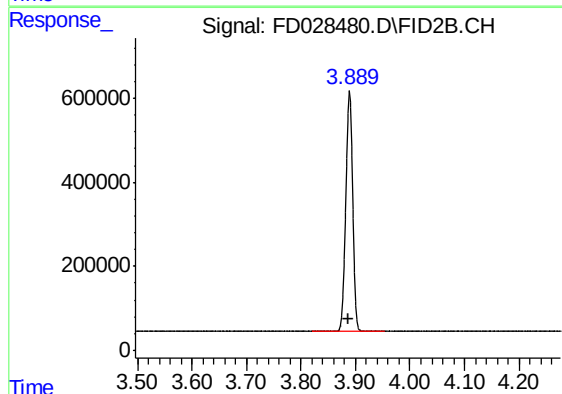




#1 n-Nonane (C9)

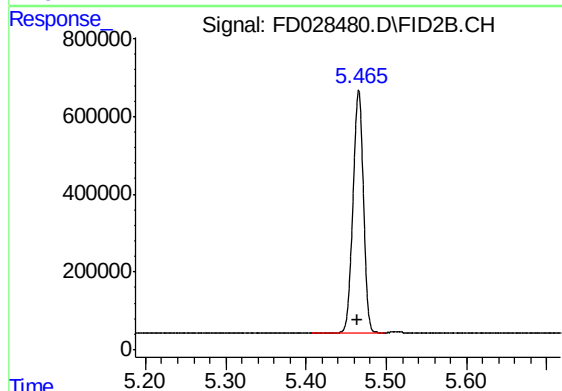
R.T.: 2.867 min
Delta R.T.: 0.000 min
Response: 4840129
Conc: 52.80 ug/ml

Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2



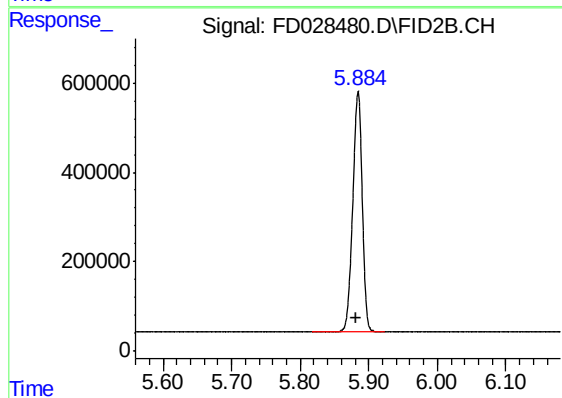
#2 n-Decane (C10)

R.T.: 3.889 min
Delta R.T.: 0.002 min
Response: 4998289
Conc: 53.36 ug/ml



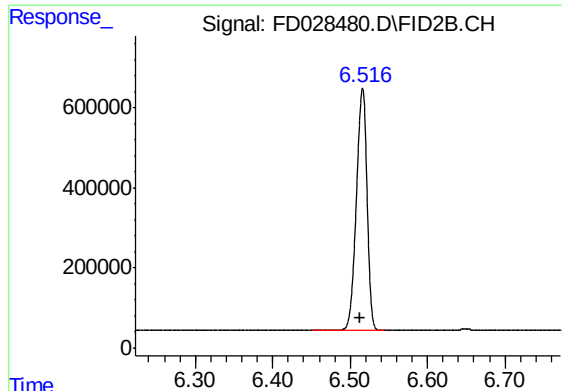
#3 A~Naphthalene (C11.7)

R.T.: 5.466 min
Delta R.T.: 0.002 min
Response: 5598888
Conc: 52.99 ug/ml



#4 n-Dodecane (C12)

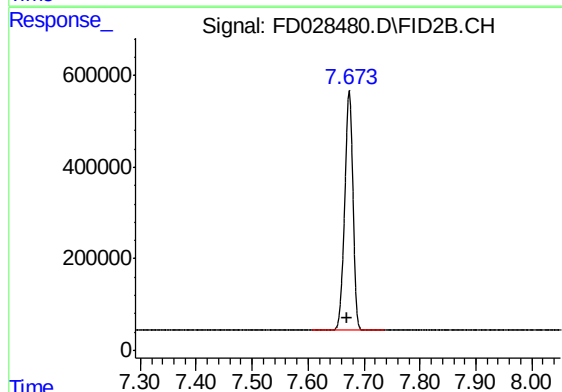
R.T.: 5.884 min
Delta R.T.: 0.002 min
Response: 5130687
Conc: 54.04 ug/ml



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

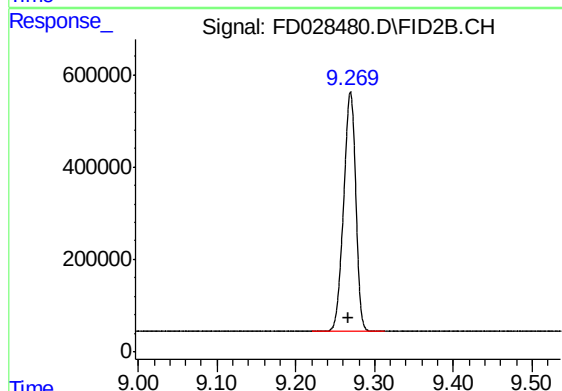
R.T.: 6.516 min
Delta R.T.: 0.003 min
Response: 5704203
Conc: 53.15 ug/ml

Instrument :
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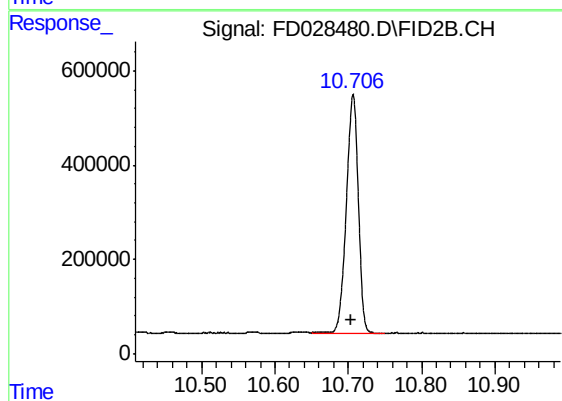
#6 n-Tetradecane (C14)

R.T.: 7.674 min
Delta R.T.: 0.003 min
Response: 5362052
Conc: 54.40 ug/ml



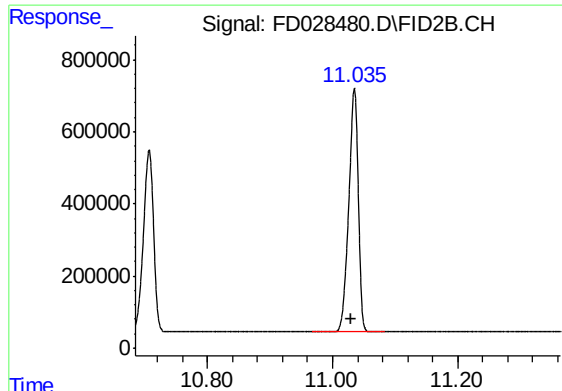
#7 n-Hexadecane (C16)

R.T.: 9.269 min
Delta R.T.: 0.003 min
Response: 5548294
Conc: 54.06 ug/ml



#8 n-Octadecane (C18)

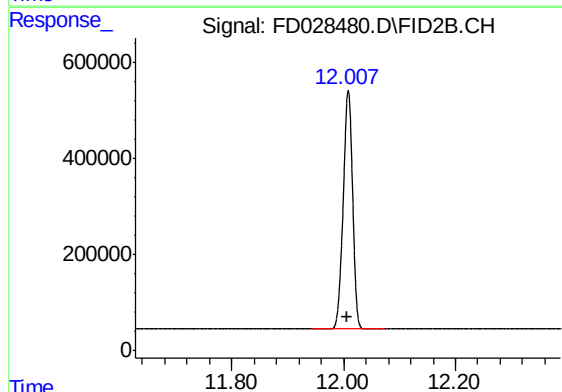
R.T.: 10.707 min
Delta R.T.: 0.004 min
Response: 5712034
Conc: 53.16 ug/ml



#9 ortho-Terphenyl (SURR)

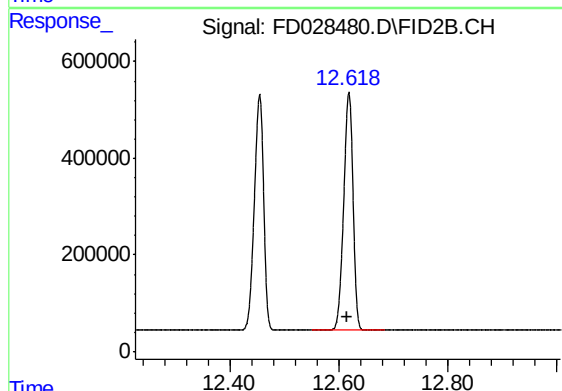
R.T.: 11.035 min
Delta R.T.: 0.005 min
Response: 7145547
Conc: 51.24 ug/ml

Instrument :
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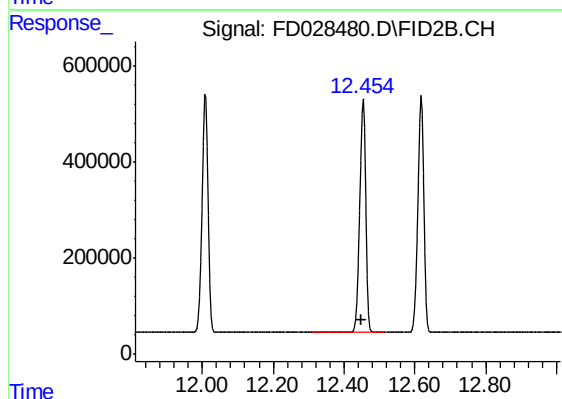
#10 n-Eicosane (C20)

R.T.: 12.009 min
Delta R.T.: 0.003 min
Response: 5813118
Conc: 53.11 ug/ml



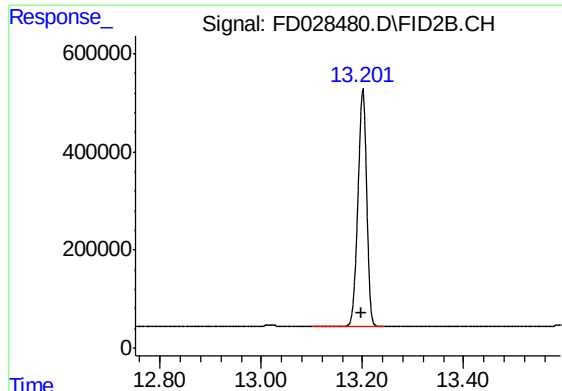
#11 n-Heneicosane (C21)

R.T.: 12.618 min
Delta R.T.: 0.003 min
Response: 5788516
Conc: 53.47 ug/ml



#12 1-chlorooctadecane (SURR)

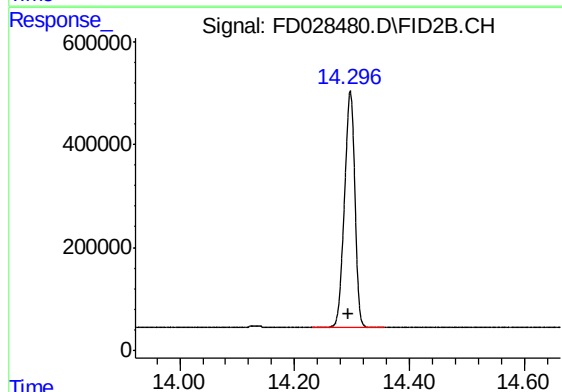
R.T.: 12.454 min
Delta R.T.: 0.004 min
Response: 5736046
Conc: 52.65 ug/ml



#13 n-Docosane (C22)

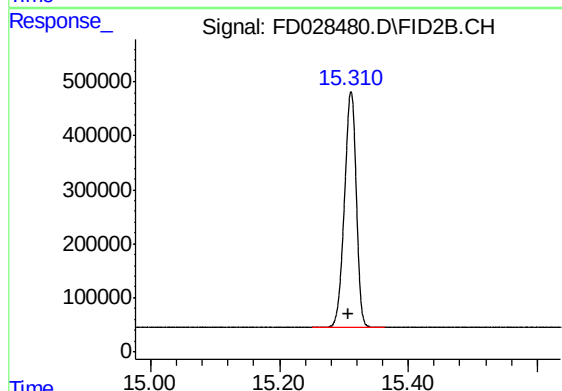
R.T.: 13.201 min
Delta R.T.: 0.003 min
Response: 5789870
Conc: 53.28 ug/ml

Instrument :
FID_D
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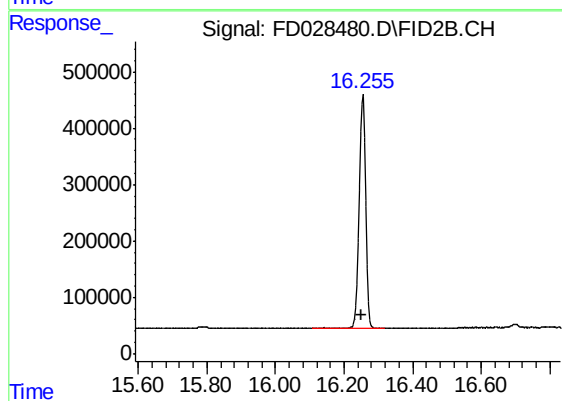
#14 n-Tetracosane (C24)

R.T.: 14.297 min
Delta R.T.: 0.003 min
Response: 5728229
Conc: 53.41 ug/ml



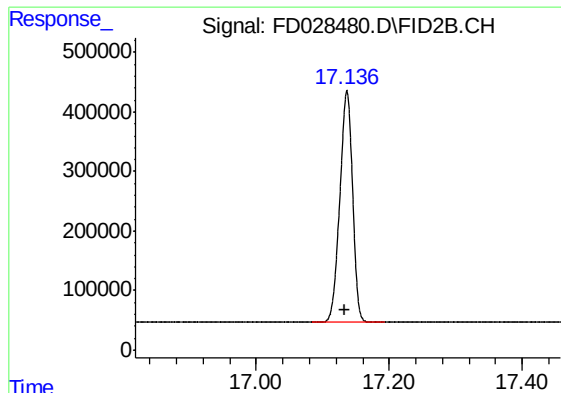
#15 n-Hexacosane (C26)

R.T.: 15.311 min
Delta R.T.: 0.003 min
Response: 5584596
Conc: 53.59 ug/ml



#16 n-Octacosane (C28)

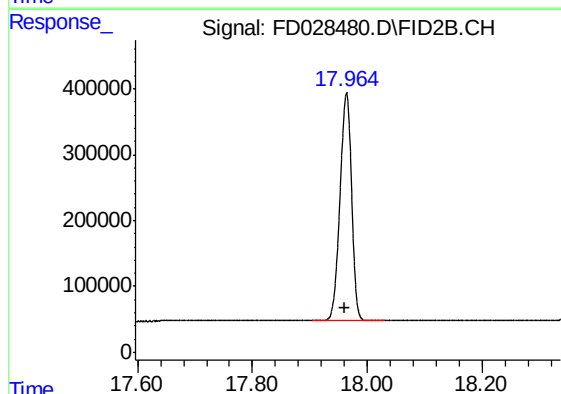
R.T.: 16.255 min
Delta R.T.: 0.003 min
Response: 5436829
Conc: 53.52 ug/ml



#17 n-Tricontane (C30)

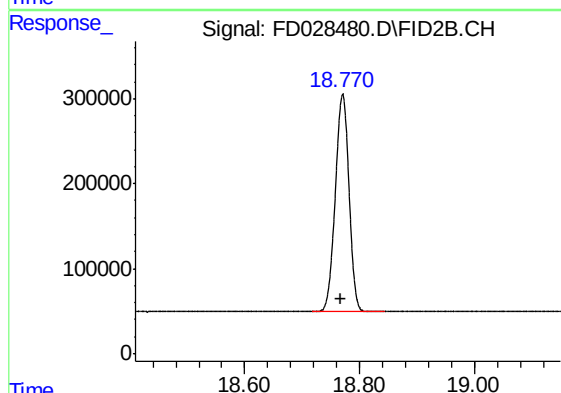
R.T.: 17.136 min
Delta R.T.: 0.003 min
Response: 5184333
Conc: 53.41 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



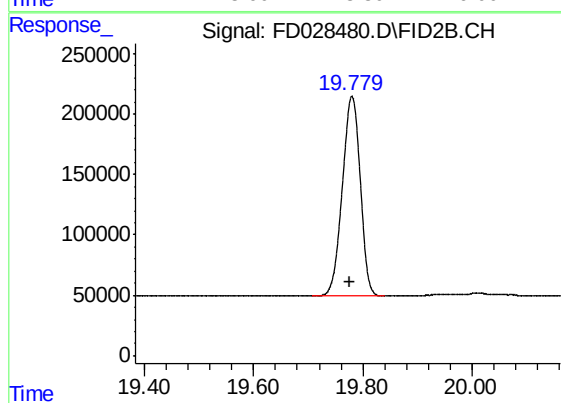
#18 n-Dotriacontane (C32)

R.T.: 17.964 min
Delta R.T.: 0.003 min
Response: 4843803
Conc: 54.11 ug/ml



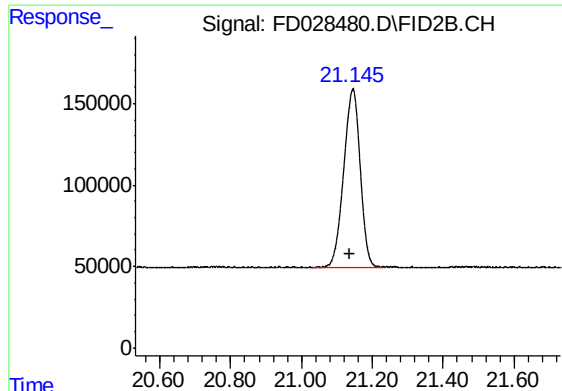
#19 n-Tetratriacontane (C34)

R.T.: 18.770 min
Delta R.T.: 0.002 min
Response: 4235793
Conc: 54.93 ug/ml



#20 n-Hexatriacontane (C36)

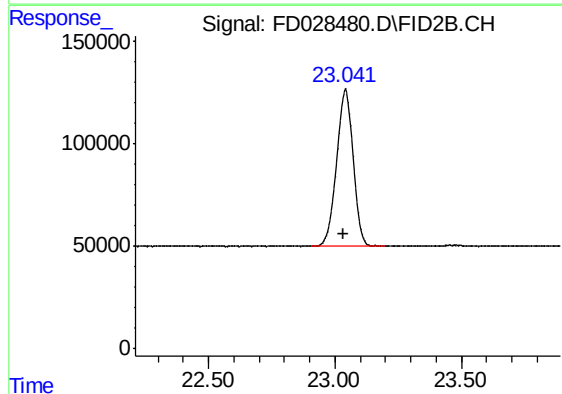
R.T.: 19.780 min
Delta R.T.: 0.003 min
Response: 3754168
Conc: 56.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: 0.008 min
Response: 3518682
Conc: 56.06 ug/ml

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FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 23.041 min
Delta R.T.: 0.008 min
Response: 3490103
Conc: 56.56 ug/ml