

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020119AL\
 Data File : FD027545.D
 Signal(s) : FID2B.CH
 Acq On : 01 Feb 2019 12:47
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 01 15:28:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 08:17:25 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)	11.232	2008234	18.063 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
12) S 1-chlorooctadecane (S...	12.676	1509277	17.636 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
Target Compounds			
1) T n-Nonane (C9)	3.064	1668753	17.245 ug/ml
2) T n-Decane (C10)	4.122	1726399	17.402 ug/ml
3) T A~Naphthalene (C11.7)	5.679	2027189	18.194 ug/ml
4) T n-Dodecane (C12)	6.131	1770871	17.671 ug/ml
5) T A~2-methylnaphthalene...	6.729	2038682	18.252 ug/ml
6) T n-Tetradecane (C14)	7.915	1792067	17.645 ug/ml
7) T n-Hexadecane (C16)	9.505	1784835	17.585 ug/ml
8) T n-Octadecane (C18)	10.938	1776876	17.501 ug/ml
10) T n-Eicosane (C20)	12.239	1760868	17.585 ug/ml
11) T n-Heneicosane (C21)	12.848	1317636	13.348 ug/ml
13) T n-Docosane (C22)	13.430	1752507	17.901 ug/ml
14) T n-Tetracosane (C24)	14.525	1760973	18.245 ug/ml
15) T n-Hexacosane (C26)	15.540	1743449	18.537 ug/ml
16) T n-Octacosane (C28)	16.482	1745234	18.797 ug/ml
17) T n-Tricontane (C30)	17.364	1695486	18.826 ug/ml
18) T n-Dotriacontane (C32)	18.191	1564273	18.339 ug/ml
19) T n-Tetratriacontane (C34)	18.969	1407139	19.093 ug/ml
20) T n-Hexatriacontane (C36)	19.703	1538743	23.101 ug/ml
21) T n-Octatriacontane (C38)	20.399	1182976	18.231 ug/ml
22) T n-Tetracontane (C40)	21.177	751888	11.979 ug/ml

(f)=RT Delta > 1/2 Window

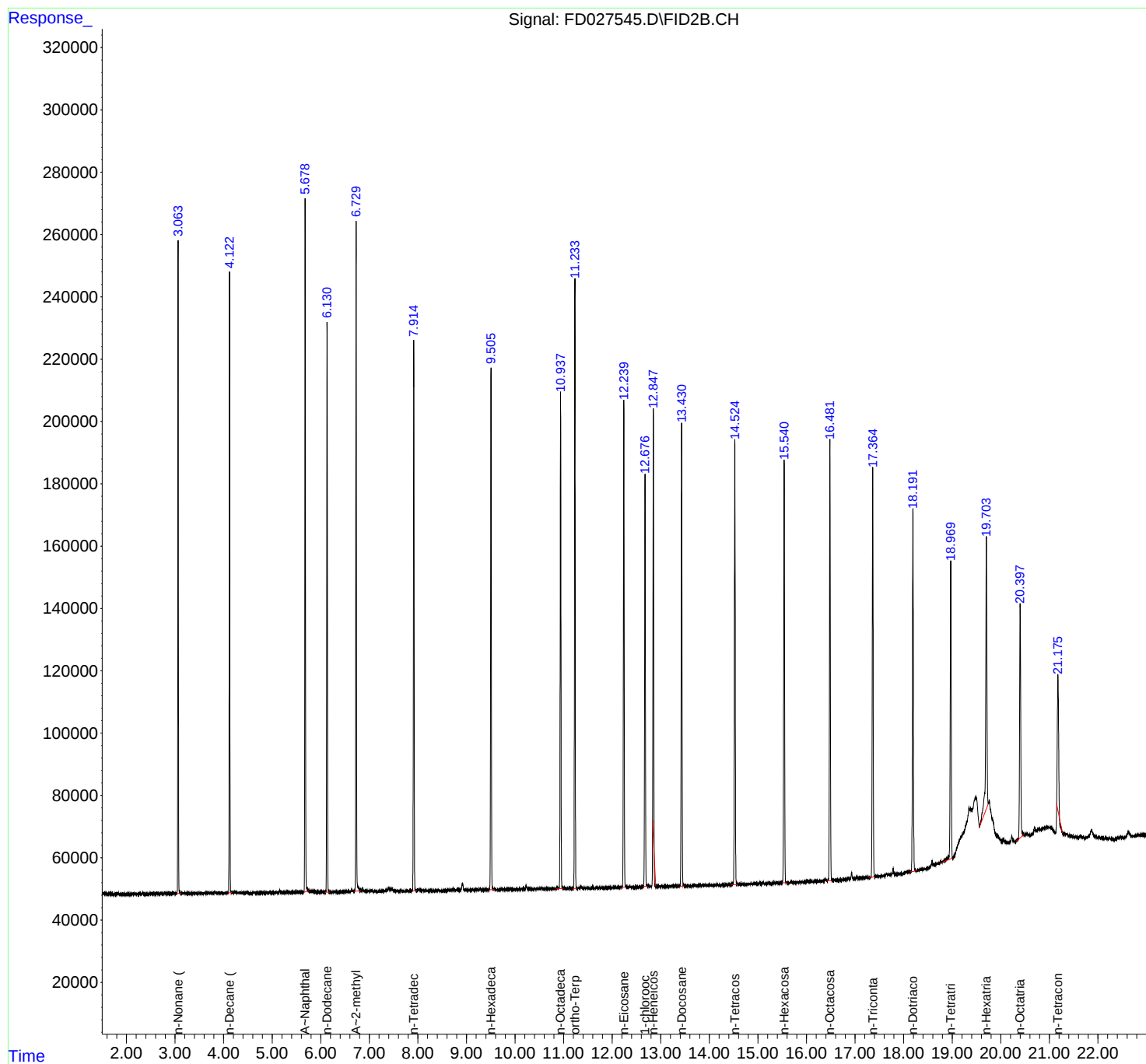
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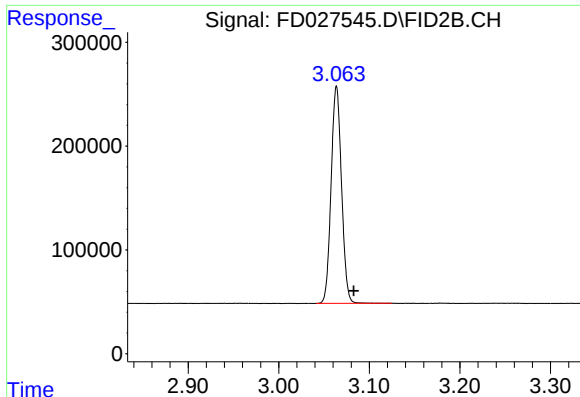
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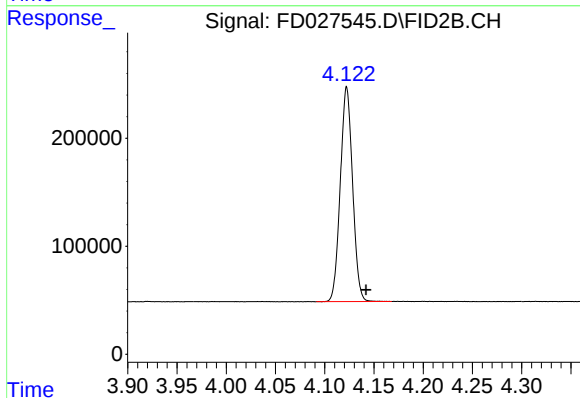




#1 n-Nonane (C9)

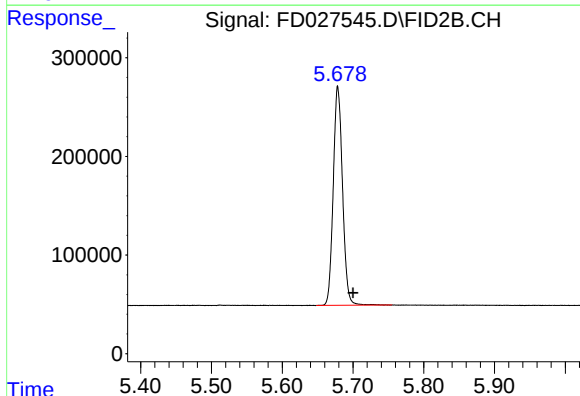
R.T.: 3.064 min
Delta R.T.: -0.019 min
Response: 1668753
Conc: 17.25 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



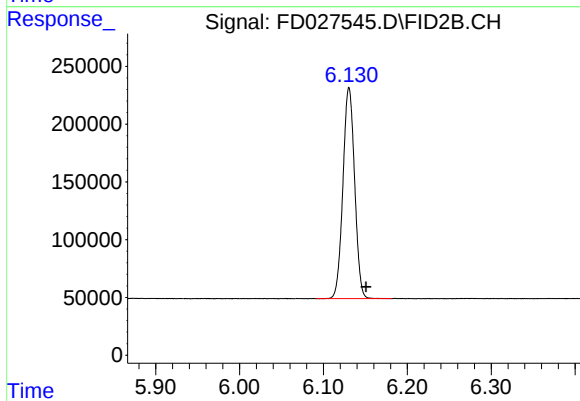
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.020 min
Response: 1726399
Conc: 17.40 ug/ml



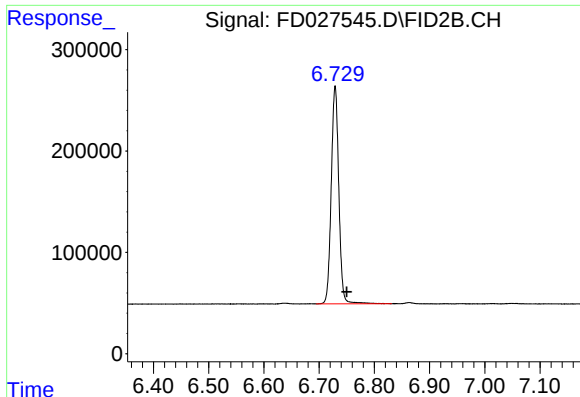
#3 A~Naphthalene (C11.7)

R.T.: 5.679 min
Delta R.T.: -0.021 min
Response: 2027189
Conc: 18.19 ug/ml



#4 n-Dodecane (C12)

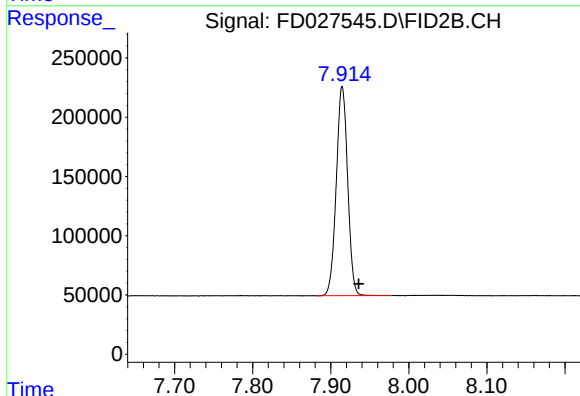
R.T.: 6.131 min
Delta R.T.: -0.020 min
Response: 1770871
Conc: 17.67 ug/ml



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

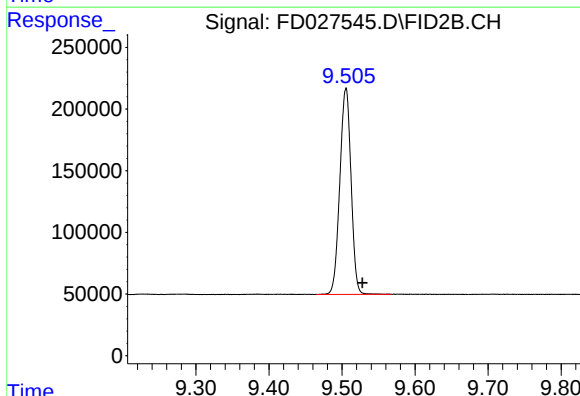
R.T.: 6.729 min
Delta R.T.: -0.021 min
Response: 2038682
Conc: 18.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



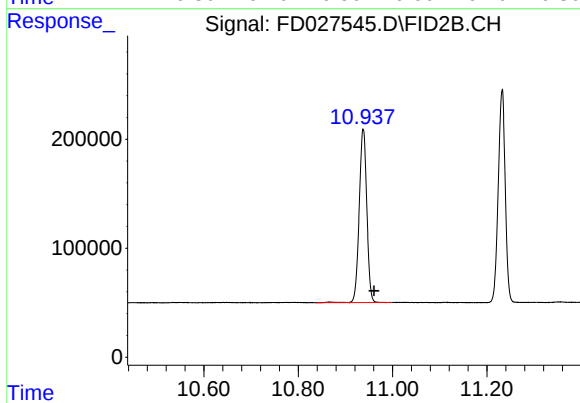
#6 n-Tetradecane (C14)

R.T.: 7.915 min
Delta R.T.: -0.021 min
Response: 1792067
Conc: 17.64 ug/ml



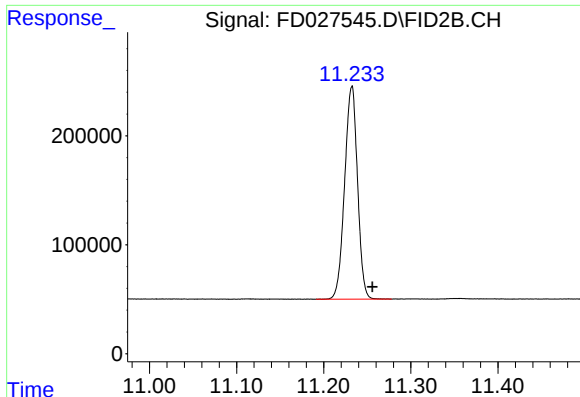
#7 n-Hexadecane (C16)

R.T.: 9.505 min
Delta R.T.: -0.023 min
Response: 1784835
Conc: 17.59 ug/ml



#8 n-Octadecane (C18)

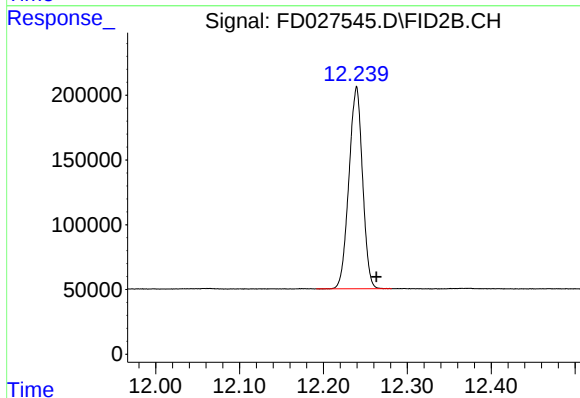
R.T.: 10.938 min
Delta R.T.: -0.023 min
Response: 1776876
Conc: 17.50 ug/ml



#9 ortho-Terphenyl (SURR)

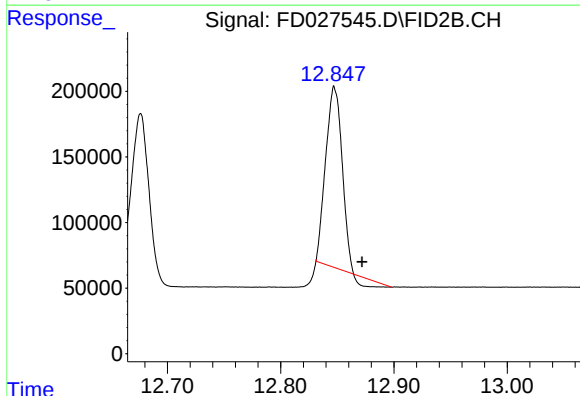
R.T.: 11.232 min
Delta R.T.: -0.024 min
Response: 2008234
Conc: 18.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



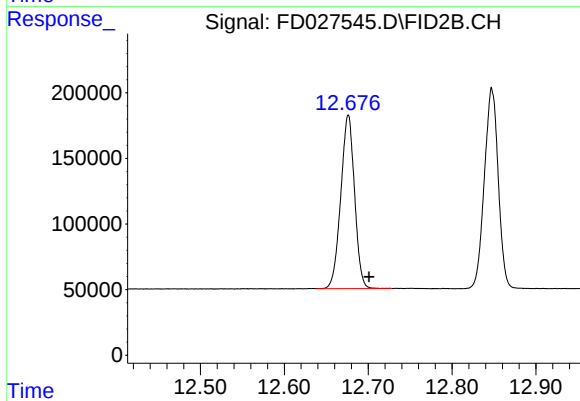
#10 n-Eicosane (C20)

R.T.: 12.239 min
Delta R.T.: -0.024 min
Response: 1760868
Conc: 17.59 ug/ml



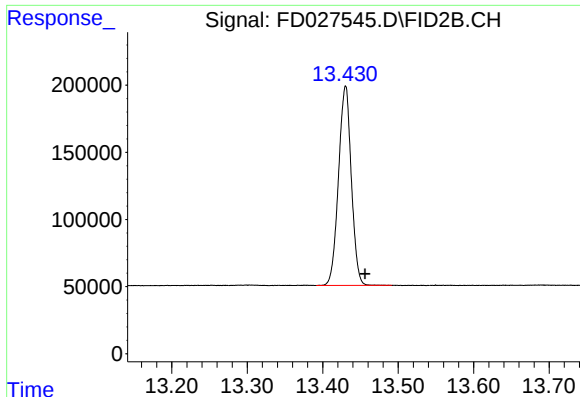
#11 n-Heneicosane (C21)

R.T.: 12.848 min
Delta R.T.: -0.024 min
Response: 1317636
Conc: 13.35 ug/ml



#12 1-chlorooctadecane (SURR)

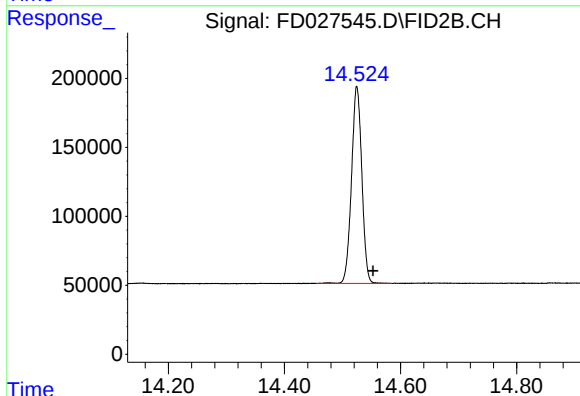
R.T.: 12.676 min
Delta R.T.: -0.025 min
Response: 1509277
Conc: 17.64 ug/ml



#13 n-Docosane (C22)

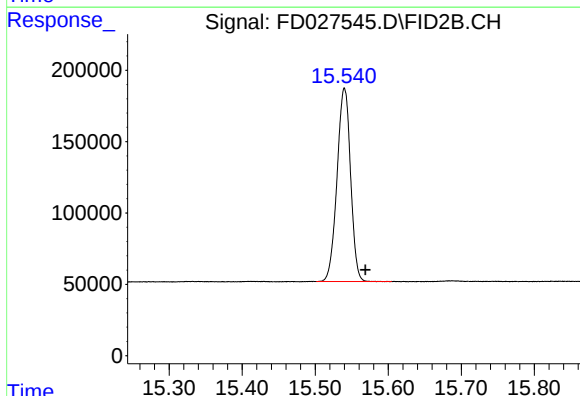
R.T.: 13.430 min
Delta R.T.: -0.026 min
Response: 1752507
Conc: 17.90 ug/ml

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20 PPM ALIPHATIC HC STD



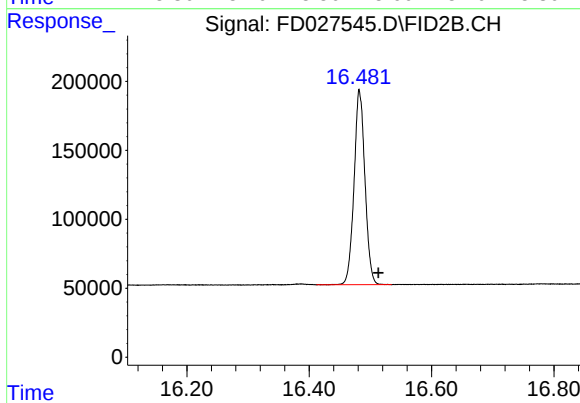
#14 n-Tetracosane (C24)

R.T.: 14.525 min
Delta R.T.: -0.028 min
Response: 1760973
Conc: 18.24 ug/ml



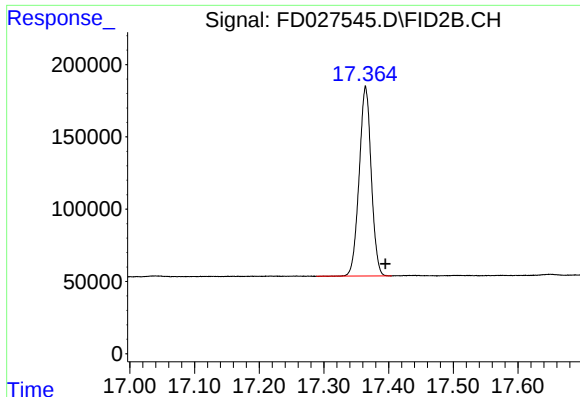
#15 n-Hexacosane (C26)

R.T.: 15.540 min
Delta R.T.: -0.029 min
Response: 1743449
Conc: 18.54 ug/ml



#16 n-Octacosane (C28)

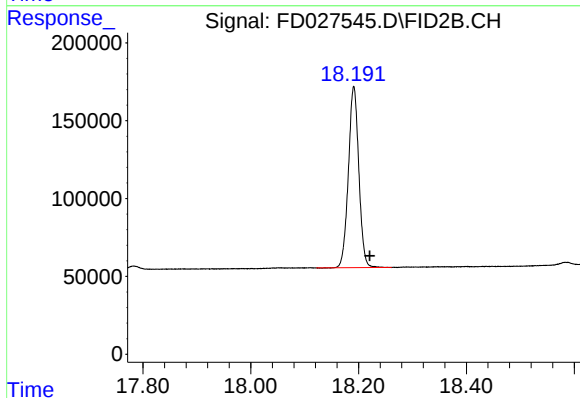
R.T.: 16.482 min
Delta R.T.: -0.031 min
Response: 1745234
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

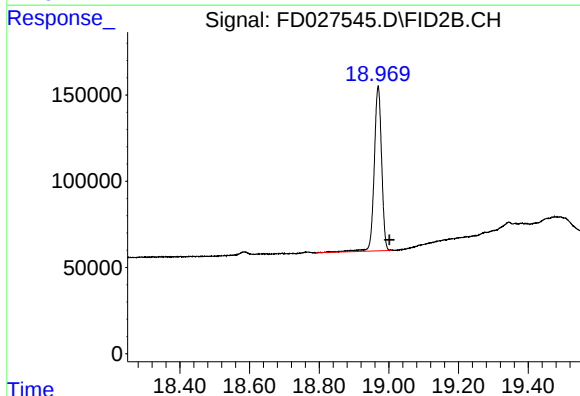
R.T.: 17.364 min
Delta R.T.: -0.031 min
Response: 1695486
Conc: 18.83 ug/ml

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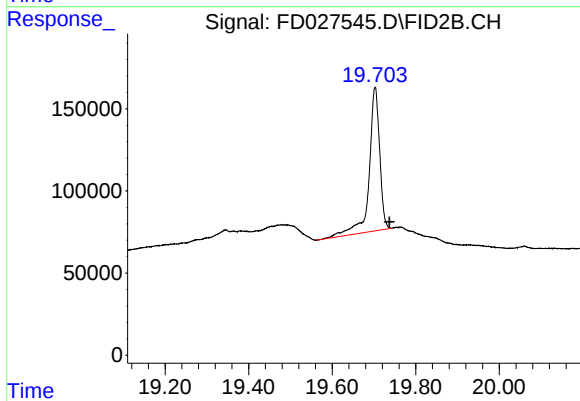
#18 n-Dotriacontane (C32)

R.T.: 18.191 min
Delta R.T.: -0.030 min
Response: 1564273
Conc: 18.34 ug/ml



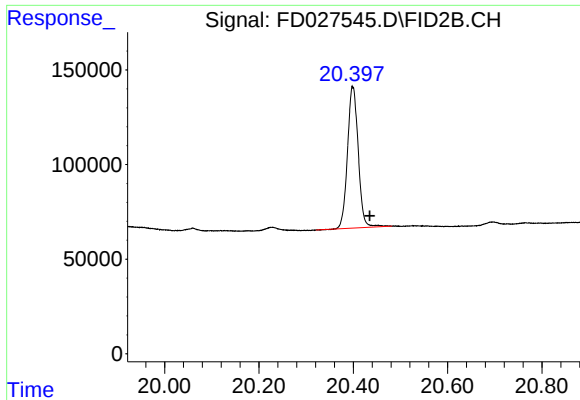
#19 n-Tetratriacontane (C34)

R.T.: 18.969 min
Delta R.T.: -0.033 min
Response: 1407139
Conc: 19.09 ug/ml



#20 n-Hexatriacontane (C36)

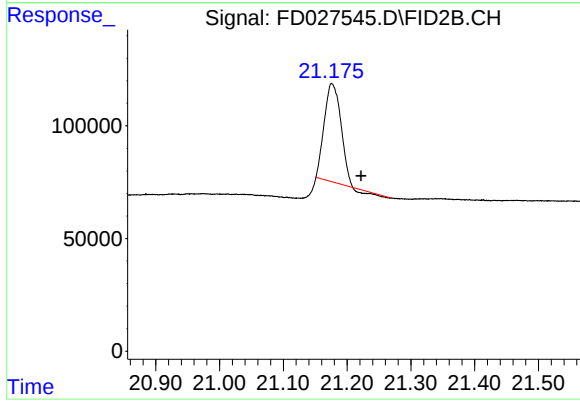
R.T.: 19.703 min
Delta R.T.: -0.034 min
Response: 1538743
Conc: 23.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.399 min
Delta R.T.: -0.036 min
Response: 1182976
Conc: 18.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.177 min
Delta R.T.: -0.045 min
Response: 751888
Conc: 11.98 ug/ml