

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021919AL\
 Data File : FD027839.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2019 00:30
 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 20 02:25:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 08:23:12 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)	11.222	2522057	21.953 ug/ml
Spiked Amount 50.000		Recovery =	43.91%
12) S 1-chlorooctadecane (S...	12.666	1900717	22.265 ug/ml
Spiked Amount 50.000		Recovery =	44.53%
Target Compounds			
1) T n-Nonane (C9)	3.067	1717152	20.941 ug/ml
2) T n-Decane (C10)	4.122	1756360	21.334 ug/ml
3) T A~Naphthalene (C11.7)	5.675	1988495	21.348 ug/ml
4) T n-Dodecane (C12)	6.127	1800619	21.913 ug/ml
5) T A~2-methylnaphthalene...	6.724	2032501	21.777 ug/ml
6) T n-Tetradecane (C14)	7.908	1900696	22.617 ug/ml
7) T n-Hexadecane (C16)	9.497	1973268	23.253 ug/ml
8) T n-Octadecane (C18)	10.928	1987762	22.818 ug/ml
10) T n-Eicosane (C20)	12.229	1972898	22.975 ug/ml
11) T n-Heneicosane (C21)	12.837	1888771	22.414 ug/ml
13) T n-Docosane (C22)	13.418	1896406	22.456 ug/ml
14) T n-Tetracosane (C24)	14.513	1853932	21.882 ug/ml
15) T n-Hexacosane (C26)	15.526	1809036	21.414 ug/ml
16) T n-Octacosane (C28)	16.469	1819136	21.370 ug/ml
17) T n-Tricontane (C30)	17.350	1819008	21.593 ug/ml
18) T n-Dotriacontane (C32)	18.176	1807487	21.908 ug/ml
19) T n-Tetratriacontane (C34)	18.954	1594744	21.998 ug/mlm
20) T n-Hexatriacontane (C36)	19.686	1402378	22.132 ug/ml
21) T n-Octatriacontane (C38)	20.380	1314242	22.114 ug/ml
22) T n-Tetracontane (C40)	21.151	1303267	22.752 ug/mlm

(f)=RT Delta > 1/2 Window

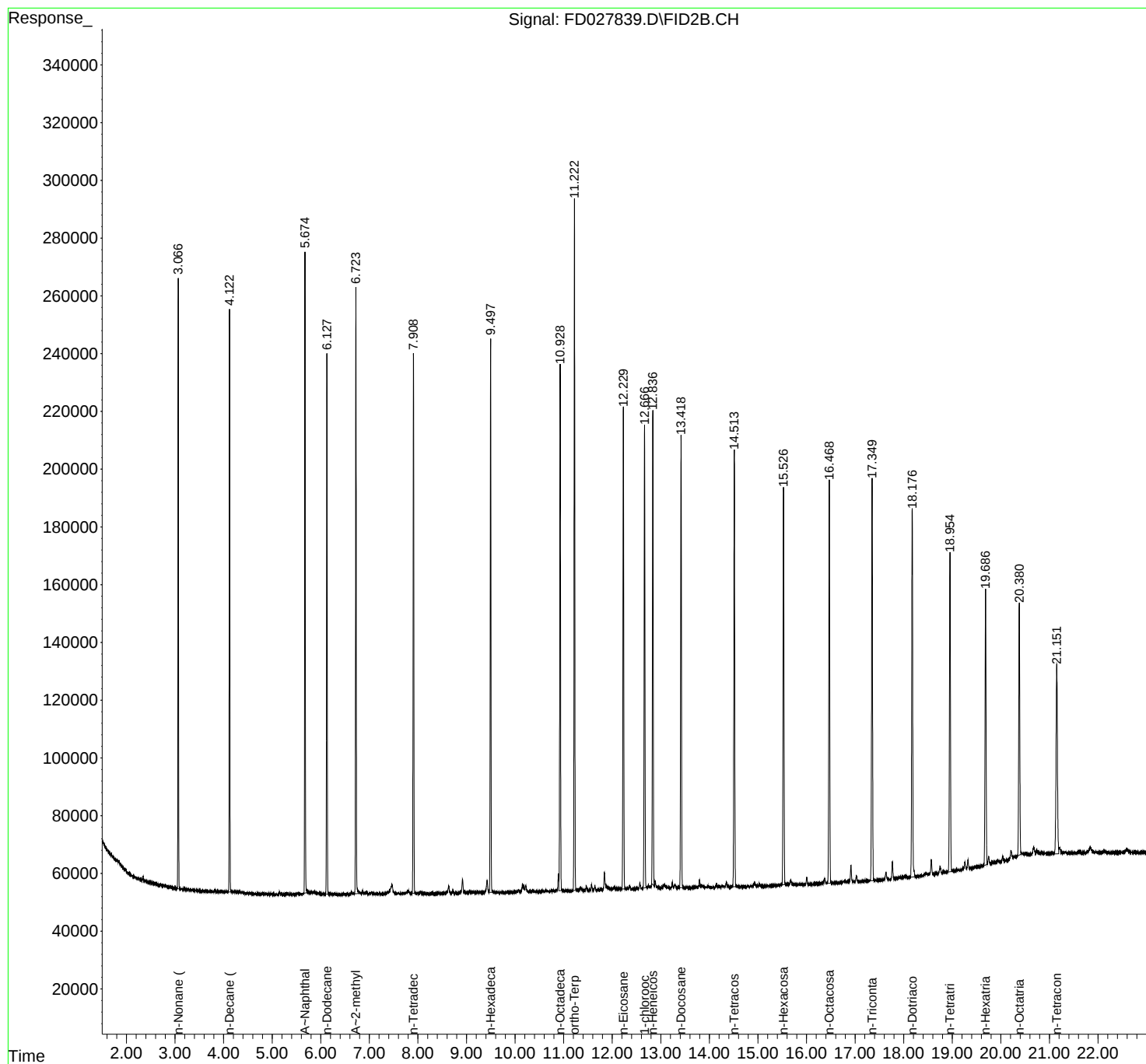
(m)=manual int.

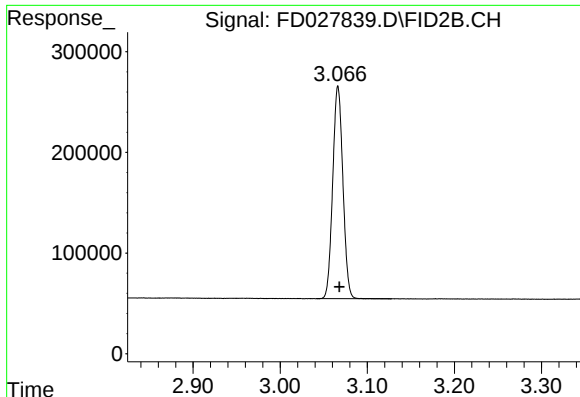
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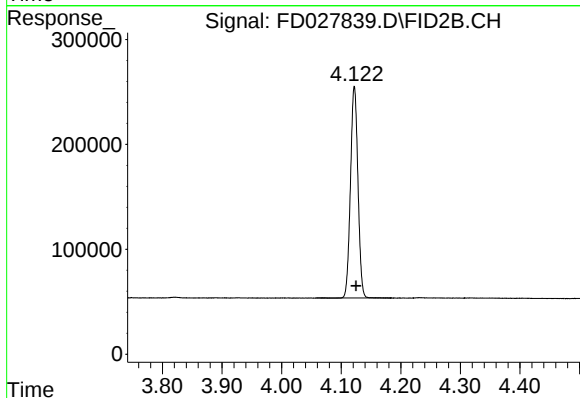




#1 n-Nonane (C9)

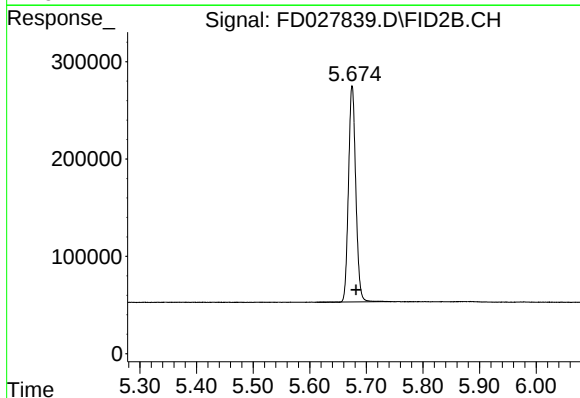
R.T.: 3.067 min
Delta R.T.: -0.002 min
Response: 1717152
Conc: 20.94 ug/ml

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20 PPM ALIPHATIC HC STD



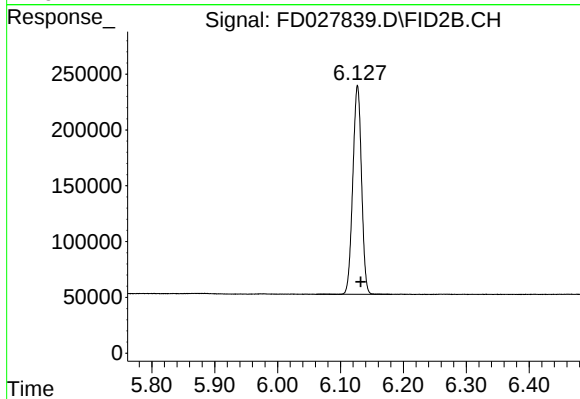
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.003 min
Response: 1756360
Conc: 21.33 ug/ml



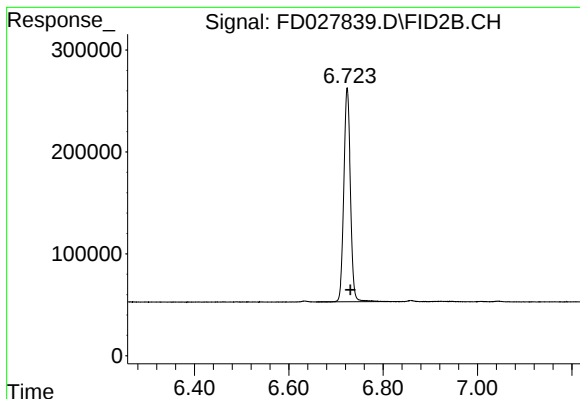
#3 A~Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.007 min
Response: 1988495
Conc: 21.35 ug/ml



#4 n-Dodecane (C12)

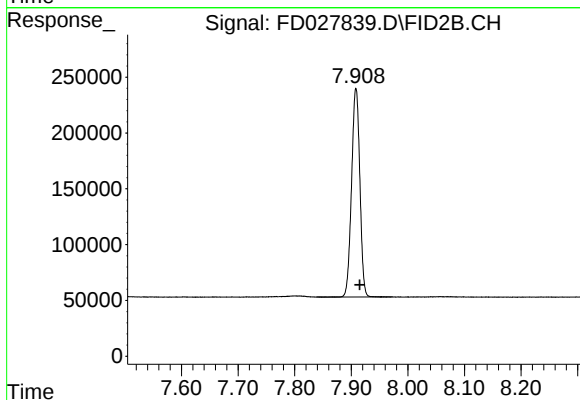
R.T.: 6.127 min
Delta R.T.: -0.005 min
Response: 1800619
Conc: 21.91 ug/ml



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

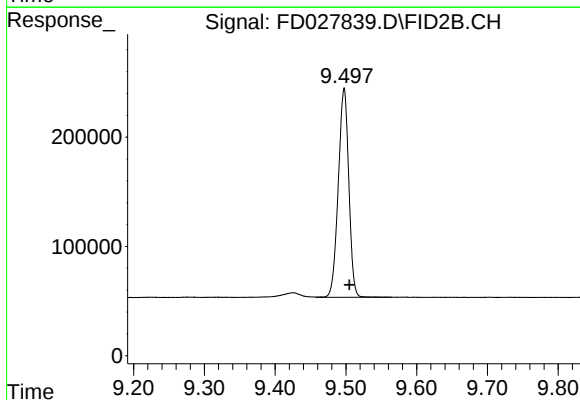
R.T.: 6.724 min
Delta R.T.: -0.007 min
Response: 2032501
Conc: 21.78 ug/ml

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20 PPM ALIPHATIC HC STD



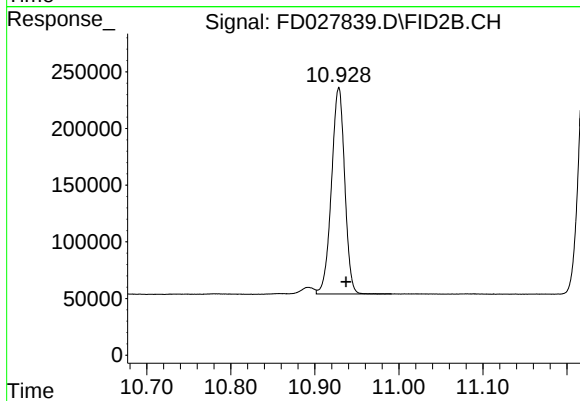
#6 n-Tetradecane (C14)

R.T.: 7.908 min
Delta R.T.: -0.006 min
Response: 1900696
Conc: 22.62 ug/ml



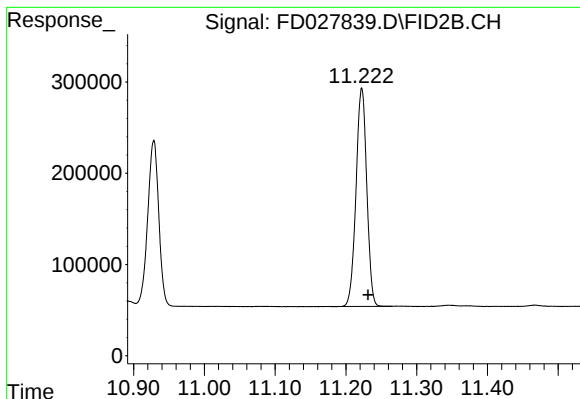
#7 n-Hexadecane (C16)

R.T.: 9.497 min
Delta R.T.: -0.008 min
Response: 1973268
Conc: 23.25 ug/ml



#8 n-Octadecane (C18)

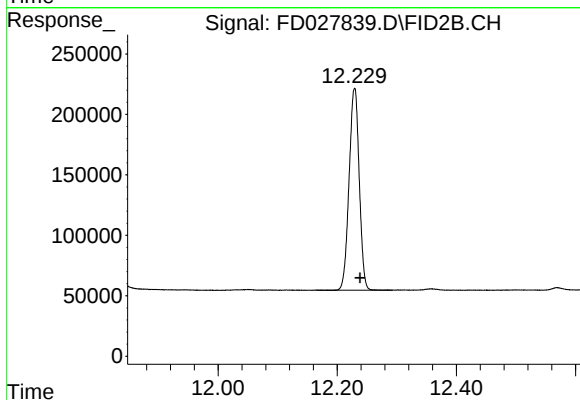
R.T.: 10.928 min
Delta R.T.: -0.009 min
Response: 1987762
Conc: 22.82 ug/ml



#9 ortho-Terphenyl (SURR)

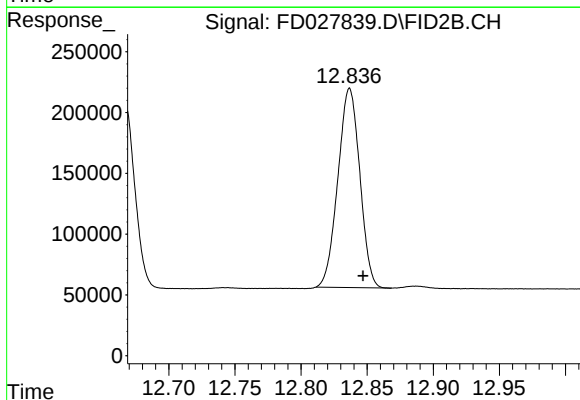
R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 2522057
Conc: 21.95 ug/ml

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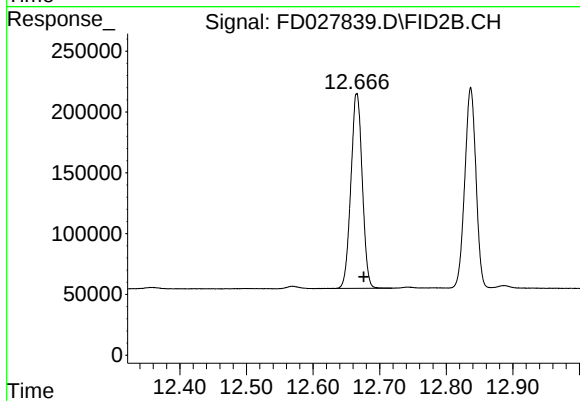
#10 n-Eicosane (C20)

R.T.: 12.229 min
Delta R.T.: -0.009 min
Response: 1972898
Conc: 22.97 ug/ml



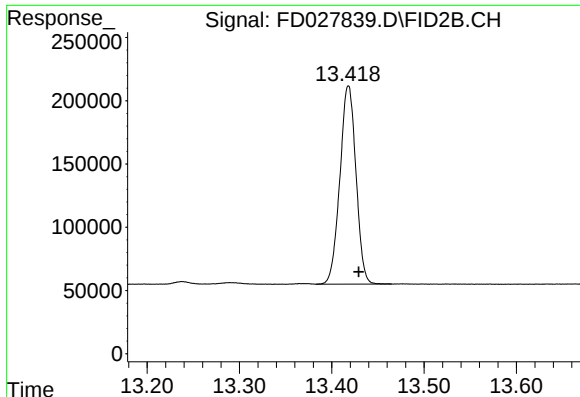
#11 n-Heneicosane (C21)

R.T.: 12.837 min
Delta R.T.: -0.010 min
Response: 1888771
Conc: 22.41 ug/ml



#12 1-chlorooctadecane (SURR)

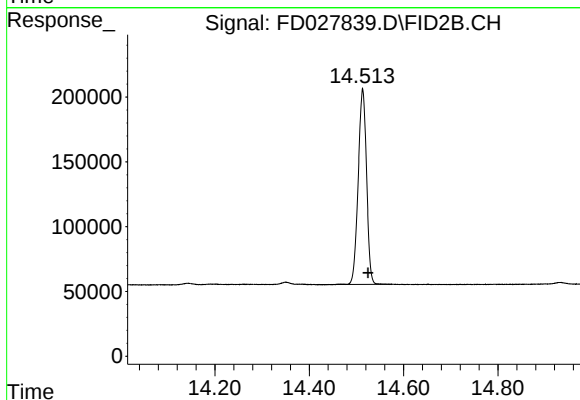
R.T.: 12.666 min
Delta R.T.: -0.010 min
Response: 1900717
Conc: 22.26 ug/ml



#13 n-Docosane (C22)

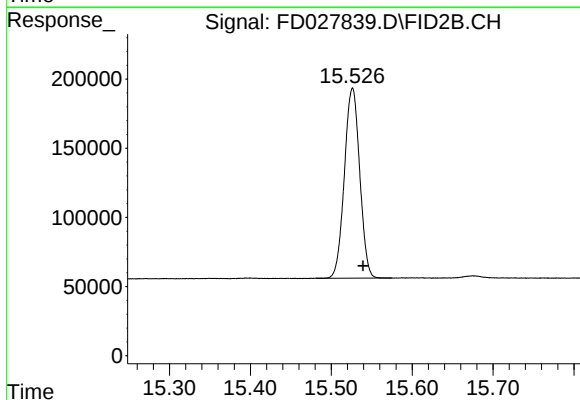
R.T.: 13.418 min
Delta R.T.: -0.011 min
Response: 1896406
Conc: 22.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



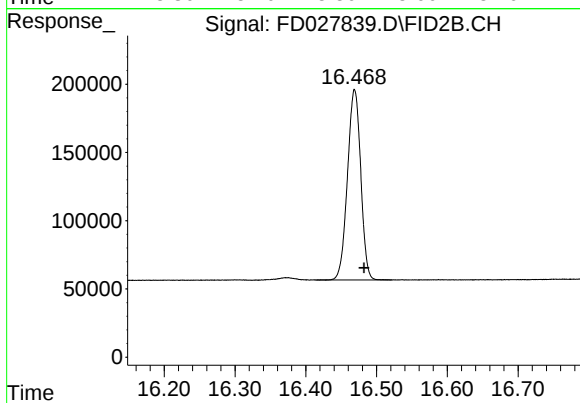
#14 n-Tetracosane (C24)

R.T.: 14.513 min
Delta R.T.: -0.012 min
Response: 1853932
Conc: 21.88 ug/ml



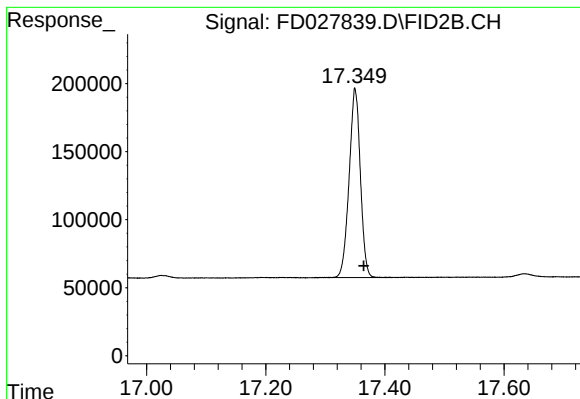
#15 n-Hexacosane (C26)

R.T.: 15.526 min
Delta R.T.: -0.013 min
Response: 1809036
Conc: 21.41 ug/ml



#16 n-Octacosane (C28)

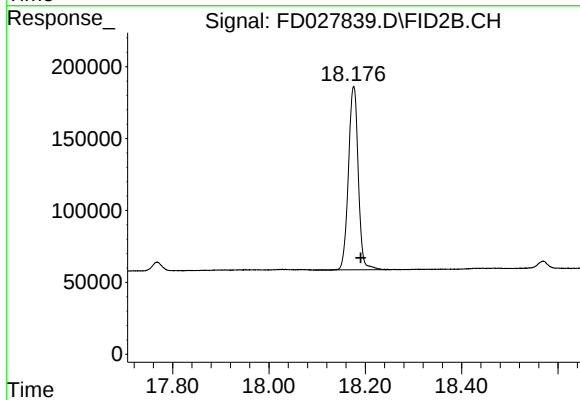
R.T.: 16.469 min
Delta R.T.: -0.013 min
Response: 1819136
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

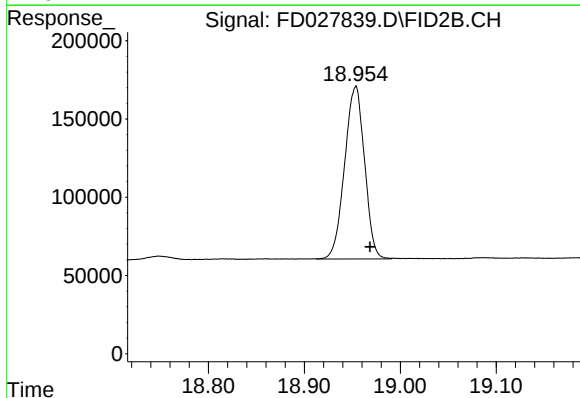
R.T.: 17.350 min
Delta R.T.: -0.014 min
Response: 1819008
Conc: 21.59 ug/ml

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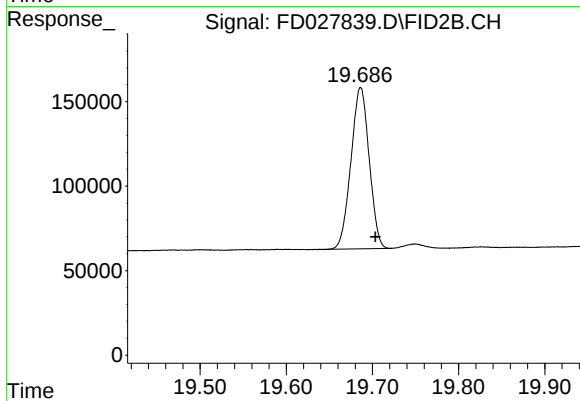
#18 n-Dotriacontane (C32)

R.T.: 18.176 min
Delta R.T.: -0.015 min
Response: 1807487
Conc: 21.91 ug/ml



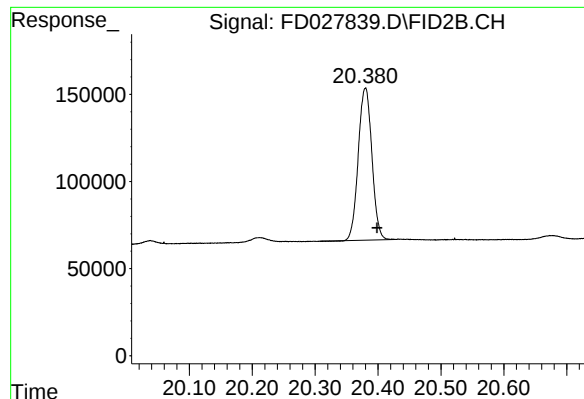
#19 n-Tetratriacontane (C34)

R.T.: 18.954 min
Delta R.T.: -0.015 min
Response: 1594744
Conc: 22.00 ug/ml m



#20 n-Hexatriacontane (C36)

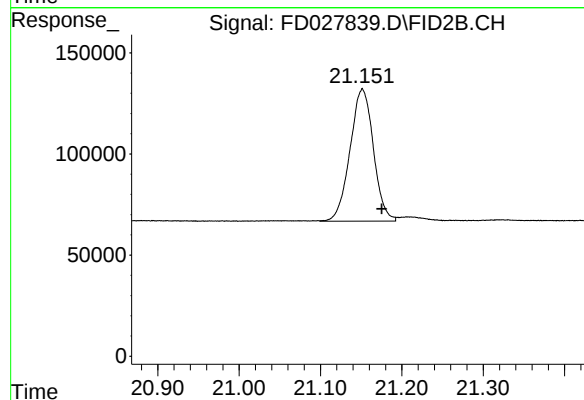
R.T.: 19.686 min
Delta R.T.: -0.017 min
Response: 1402378
Conc: 22.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.380 min
Delta R.T.: -0.019 min
Response: 1314242
Conc: 22.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.151 min
Delta R.T.: -0.024 min
Response: 1303267
Conc: 22.75 ug/ml m