

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022819AL\
 Data File : FD028014.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2019 22:16
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 3/1/2019 5:39:54 PM

Integration File: autoint1.e
 Quant Time: Mar 01 04:29:43 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)	11.209	2724433	23.715 ug/ml
Spiked Amount 50.000		Recovery =	47.43%
12) S 1-chlorooctadecane (S...	12.652	1991615	23.329 ug/ml
Spiked Amount 50.000		Recovery =	46.66%
Target Compounds			
1) T n-Nonane (C9)	3.055	1886167	23.002 ug/mlm
2) T n-Decane (C10)	4.110	1929727	23.440 ug/ml
3) T A~Naphthalene (C11.7)	5.662	2192478	23.538 ug/ml
4) T n-Dodecane (C12)	6.114	1965494	23.919 ug/ml
5) T A~2-methylnaphthalene...	6.710	2228593	23.878 ug/ml
6) T n-Tetradecane (C14)	7.895	2040725	24.284 ug/ml
7) T n-Hexadecane (C16)	9.484	2082512	24.541 ug/ml
8) T n-Octadecane (C18)	10.916	2143641	24.608 ug/ml
10) T n-Eicosane (C20)	12.216	2055907	23.941 ug/ml
11) T n-Heneicosane (C21)	12.823	1974192	23.428 ug/ml
13) T n-Docosane (C22)	13.405	1930585	22.861 ug/ml
14) T n-Tetracosane (C24)	14.500	1849394	21.828 ug/ml
15) T n-Hexacosane (C26)	15.514	1765724	20.902 ug/ml
16) T n-Octacosane (C28)	16.456	1717914	20.181 ug/ml
17) T n-Tricontane (C30)	17.337	1686700	20.023 ug/ml
18) T n-Dotriacontane (C32)	18.162	1696673	20.565 ug/ml
19) T n-Tetratriacontane (C34)	18.939	1680193	23.177 ug/ml
20) T n-Hexatriacontane (C36)	19.674	1568346	24.751 ug/ml
21) T n-Octatriacontane (C38)	20.368	1537923	25.878 ug/mlm
22) T n-Tetracontane (C40)	21.133	1542637	26.931 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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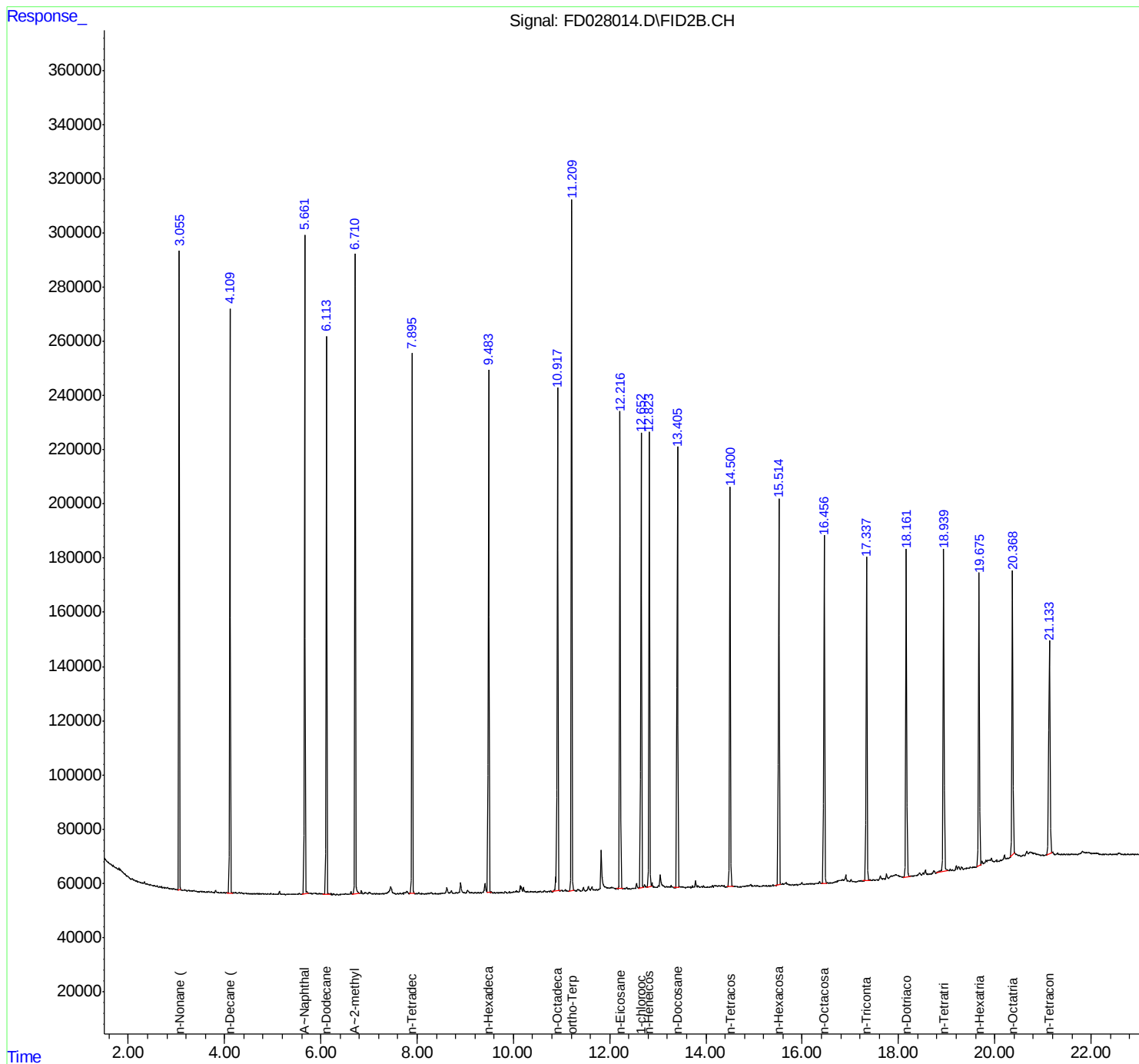
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20 PPM ALIPHATIC HC STD

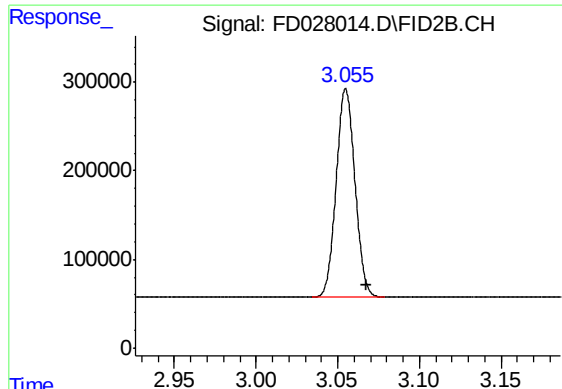
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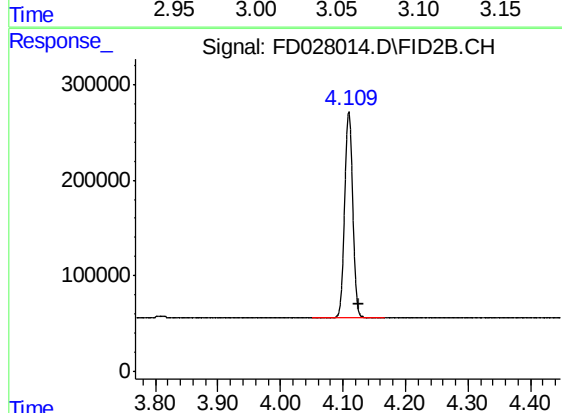
#1 n-Nonane (C9)

R.T.: 3.055 min
Delta R.T.: -0.013 min
Response: 1886167
Conc: 23.00 ug/ml m

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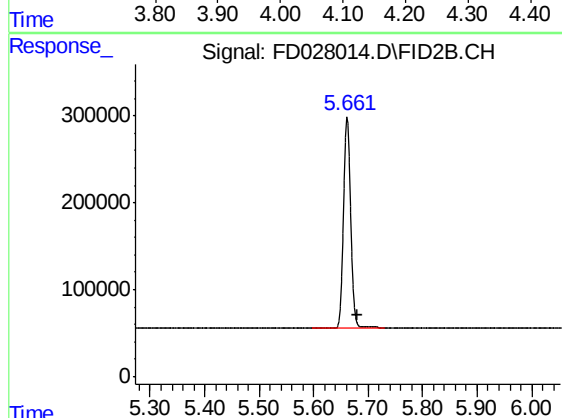
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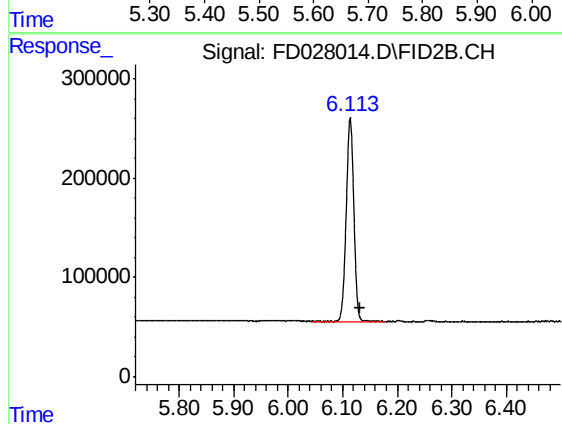
#2 n-Decane (C10)

R.T.: 4.110 min
Delta R.T.: -0.016 min
Response: 1929727
Conc: 23.44 ug/ml



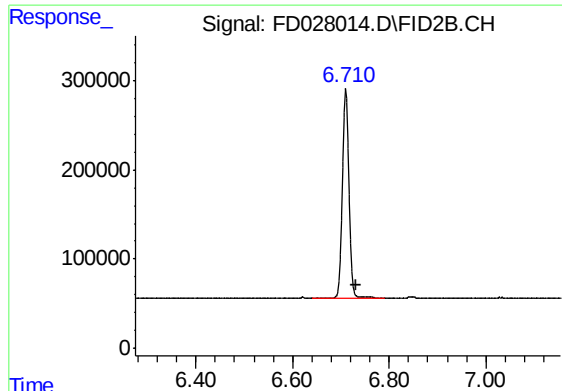
#3 A~Naphthalene (C11.7)

R.T.: 5.662 min
Delta R.T.: -0.020 min
Response: 2192478
Conc: 23.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.114 min
Delta R.T.: -0.018 min
Response: 1965494
Conc: 23.92 ug/ml



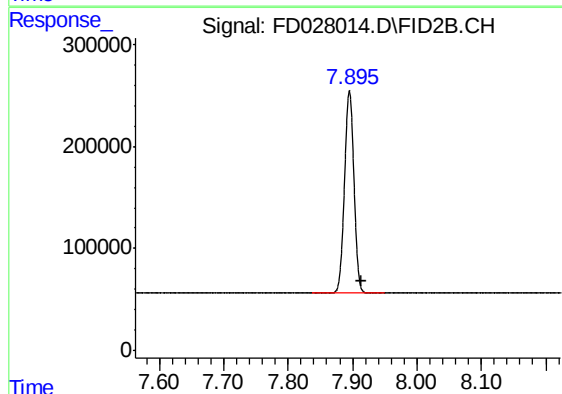
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.710 min
Delta R.T.: -0.020 min
Response: 2228593
Conc: 23.88 ug/ml

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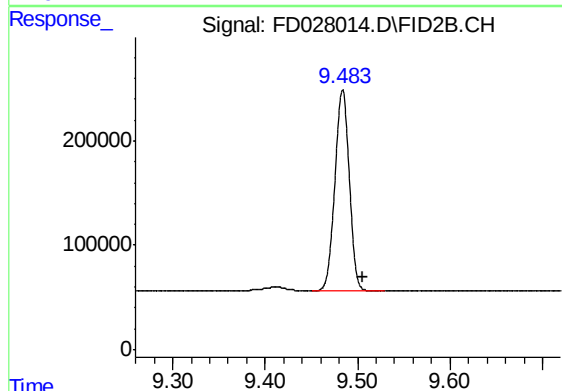
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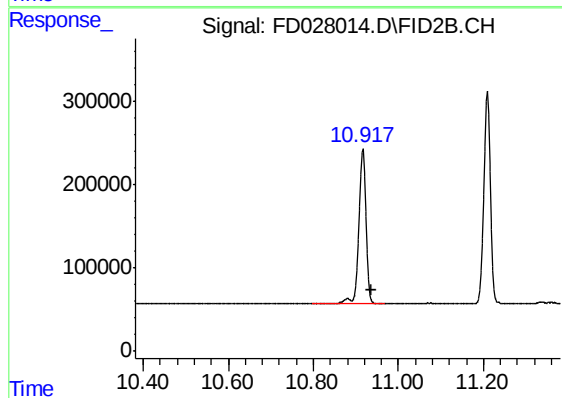
#6 n-Tetradecane (C14)

R.T.: 7.895 min
Delta R.T.: -0.019 min
Response: 2040725
Conc: 24.28 ug/ml



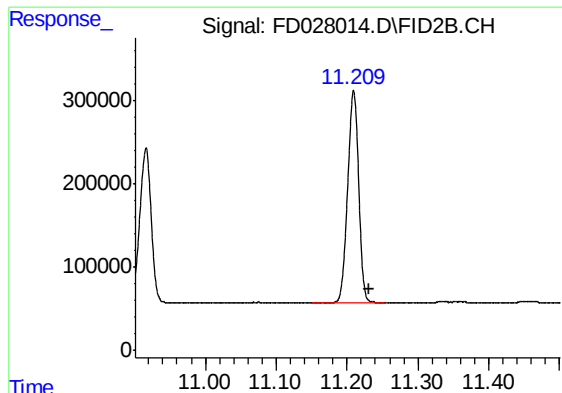
#7 n-Hexadecane (C16)

R.T.: 9.484 min
Delta R.T.: -0.021 min
Response: 2082512
Conc: 24.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.916 min
Delta R.T.: -0.021 min
Response: 2143641
Conc: 24.61 ug/ml



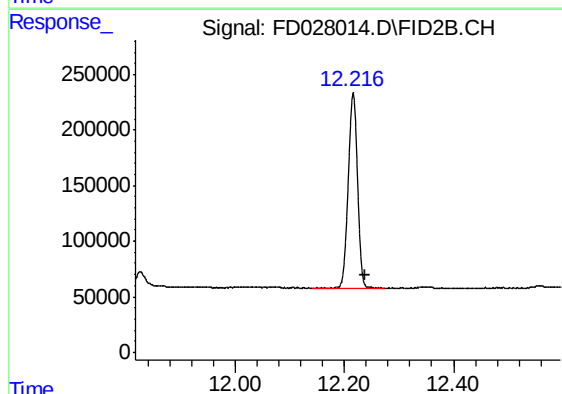
#9 ortho-Terphenyl (SURR)

R.T.: 11.209 min
Delta R.T.: -0.022 min
Response: 2724433
Conc: 23.71 ug/ml

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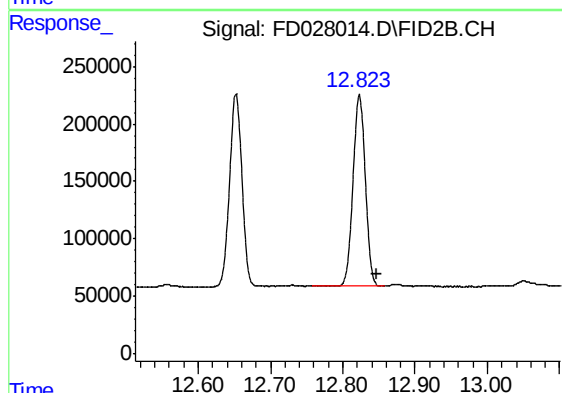
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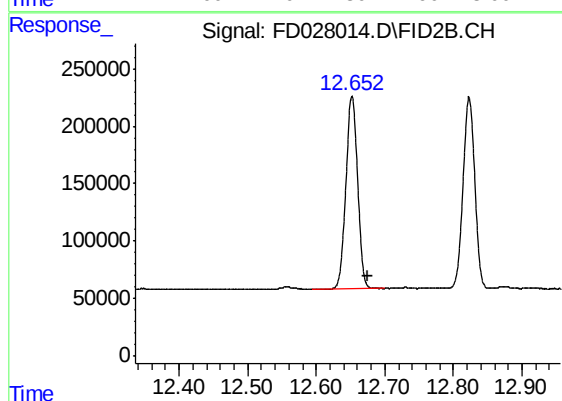
#10 n-Eicosane (C20)

R.T.: 12.216 min
Delta R.T.: -0.022 min
Response: 2055907
Conc: 23.94 ug/ml



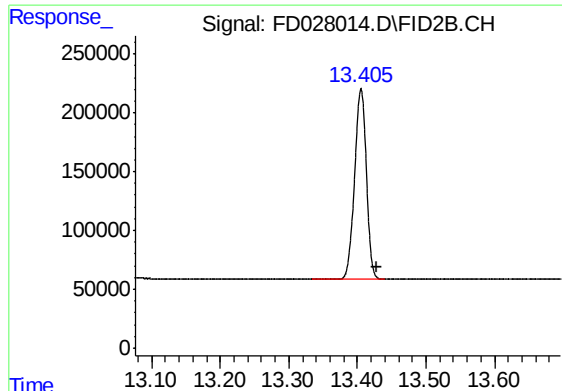
#11 n-Heneicosane (C21)

R.T.: 12.823 min
Delta R.T.: -0.024 min
Response: 1974192
Conc: 23.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.652 min
Delta R.T.: -0.024 min
Response: 1991615
Conc: 23.33 ug/ml



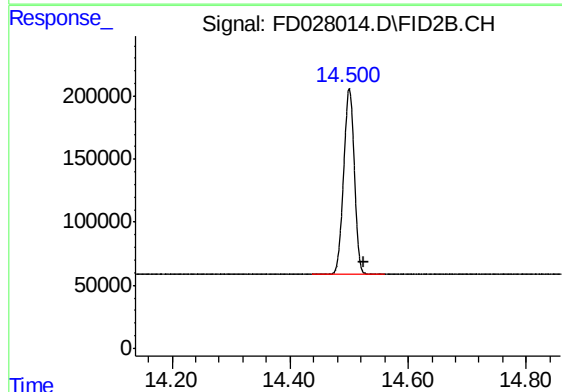
#13 n-Docosane (C22)

R.T.: 13.405 min
Delta R.T.: -0.024 min
Response: 1930585
Conc: 22.86 ug/ml

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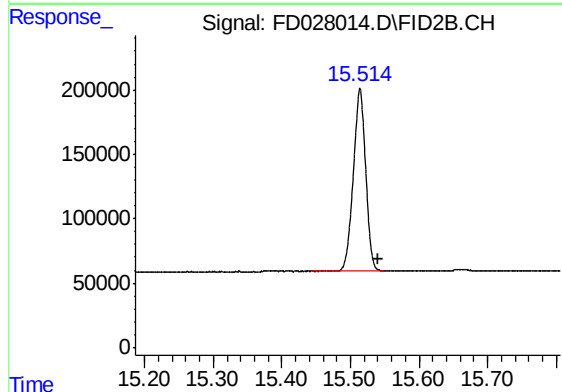
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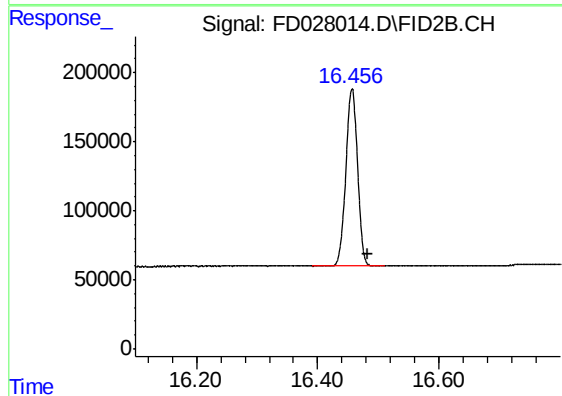
#14 n-Tetracosane (C24)

R.T.: 14.500 min
Delta R.T.: -0.024 min
Response: 1849394
Conc: 21.83 ug/ml



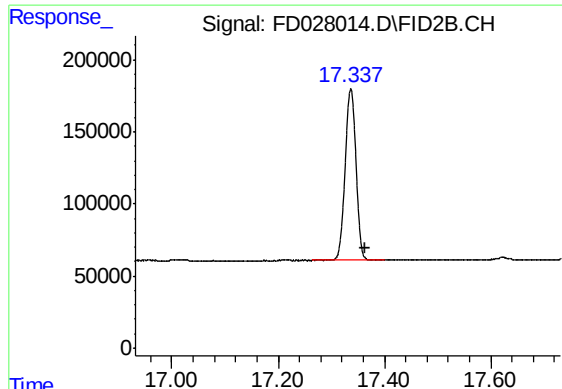
#15 n-Hexacosane (C26)

R.T.: 15.514 min
Delta R.T.: -0.025 min
Response: 1765724
Conc: 20.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.456 min
Delta R.T.: -0.026 min
Response: 1717914
Conc: 20.18 ug/ml



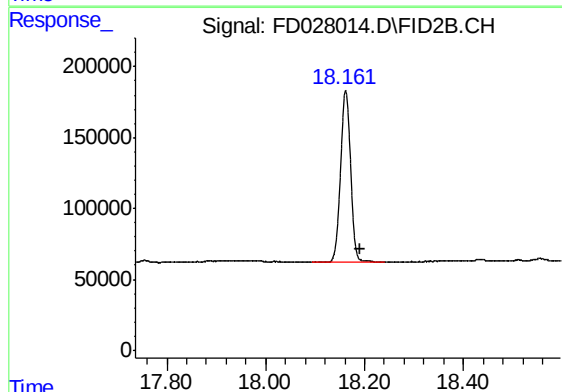
#17 n-Tricontane (C30)

R.T.: 17.337 min
Delta R.T.: -0.028 min
Response: 1686700
Conc: 20.02 ug/ml

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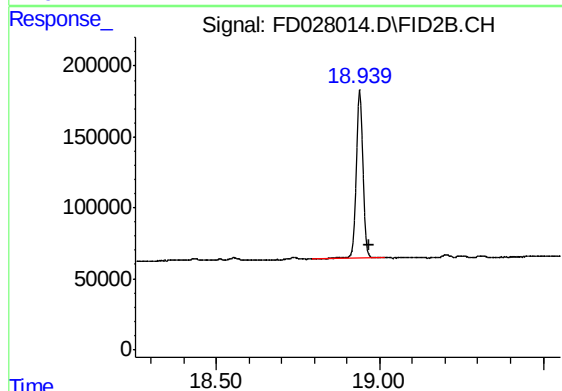
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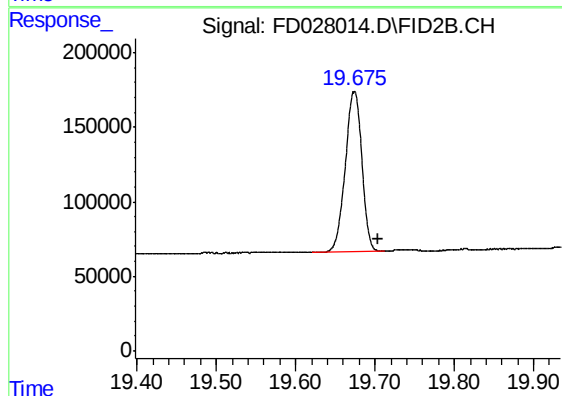
#18 n-Dotriacontane (C32)

R.T.: 18.162 min
Delta R.T.: -0.029 min
Response: 1696673
Conc: 20.57 ug/ml



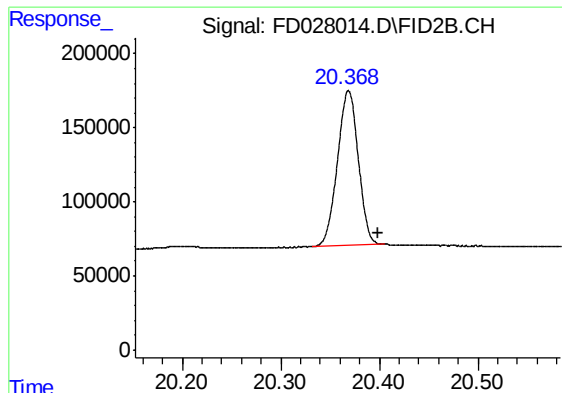
#19 n-Tetatriacontane (C34)

R.T.: 18.939 min
Delta R.T.: -0.030 min
Response: 1680193
Conc: 23.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.674 min
Delta R.T.: -0.029 min
Response: 1568346
Conc: 24.75 ug/ml



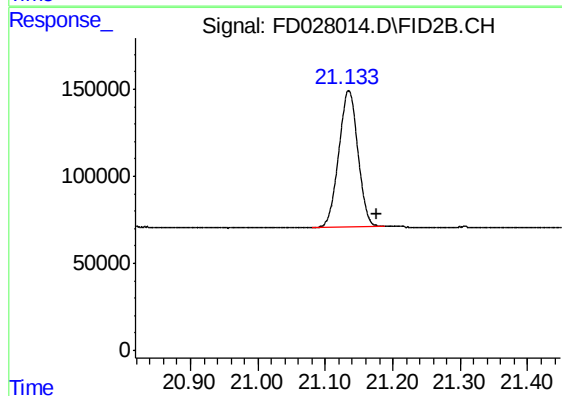
#21 n-Octatriacontane (C38)

R.T.: 20.368 min
Delta R.T.: -0.031 min
Response: 1537923
Conc: 25.88 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.133 min
Delta R.T.: -0.043 min
Response: 1542637
Conc: 26.93 ug/ml m