

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030519AL\
 Data File : FD028102.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2019 14:36
 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

Manual Integrations
 APPROVED

Sohil
 3/6/2019 5:03:53 PM

Integration File: autoint1.e
 Quant Time: Mar 06 03:25:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:23:47 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)	11.207	6209434	45.059 ug/ml
Spiked Amount 50.000		Recovery =	90.12%
12) S 1-chlorooctadecane (S...	12.650	4713080	44.243 ug/ml
Spiked Amount 50.000		Recovery =	88.49%
Target Compounds			
1) T n-Nonane (C9)	3.048	4099770	45.081 ug/ml
2) T n-Decane (C10)	4.103	4164485	44.995 ug/ml
3) T A~Naphthalene (C11.7)	5.655	4766444	45.298 ug/ml
4) T n-Dodecane (C12)	6.107	4215022	44.944 ug/ml
5) T A~2-methylnaphthalene...	6.704	4842962	45.340 ug/ml
6) T n-Tetradecane (C14)	7.890	4370671	45.190 ug/ml
7) T n-Hexadecane (C16)	9.480	4512032	45.057 ug/ml
8) T n-Octadecane (C18)	10.913	4636931	44.469 ug/ml
10) T n-Eicosane (C20)	12.213	4700598	44.039 ug/ml
11) T n-Heneicosane (C21)	12.821	4641396	43.995 ug/ml
13) T n-Docosane (C22)	13.403	4627713	43.674 ug/ml
14) T n-Tetracosane (C24)	14.498	4556643	43.434 ug/ml
15) T n-Hexacosane (C26)	15.513	4427942	43.390 ug/ml
16) T n-Octacosane (C28)	16.456	4284545	43.494 ug/ml
17) T n-Tricontane (C30)	17.336	4056505	43.423 ug/ml
18) T n-Dotriacontane (C32)	18.162	3740753	43.859 ug/ml
19) T n-Tetratriacontane (C34)	18.939	3255252	44.218 ug/ml
20) T n-Hexatriacontane (C36)	19.672	2866103	44.809 ug/ml
21) T n-Octatriacontane (C38)	20.366	2679127	45.133 ug/mlm
22) T n-Tetracontane (C40)	21.135	2639967	45.145 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 53 Sample Multiplier: 1

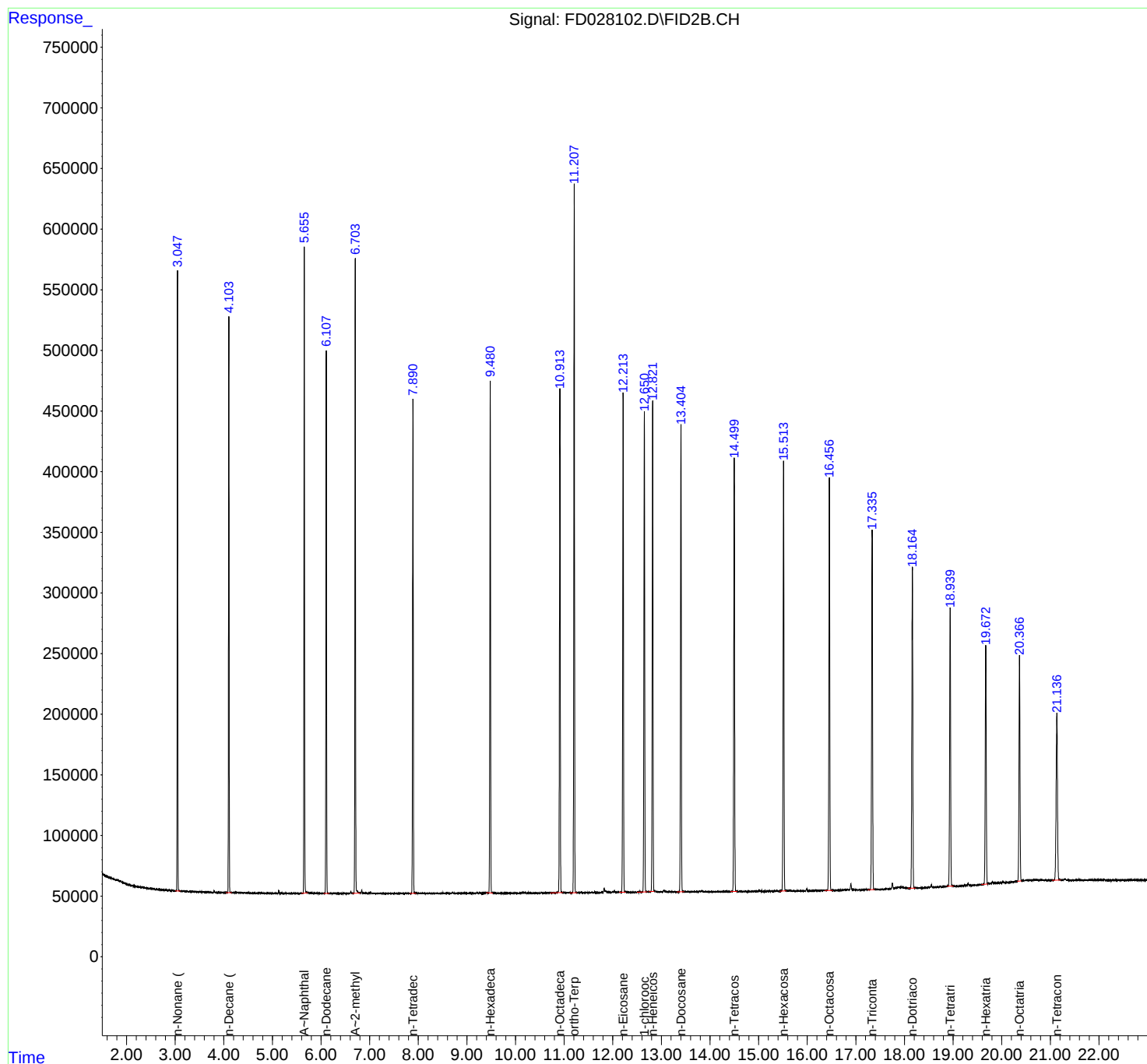
Instrument :
FID_D
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50 PPM ALIPHATIC HC STD2

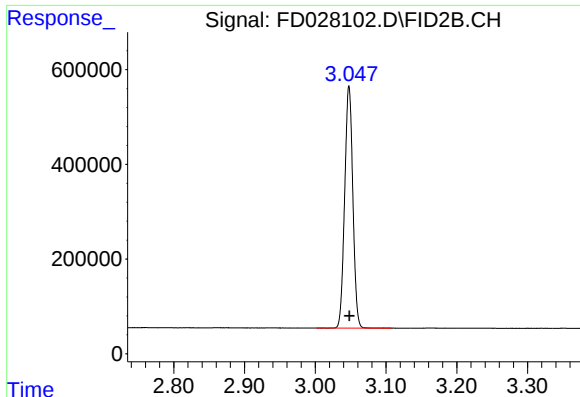
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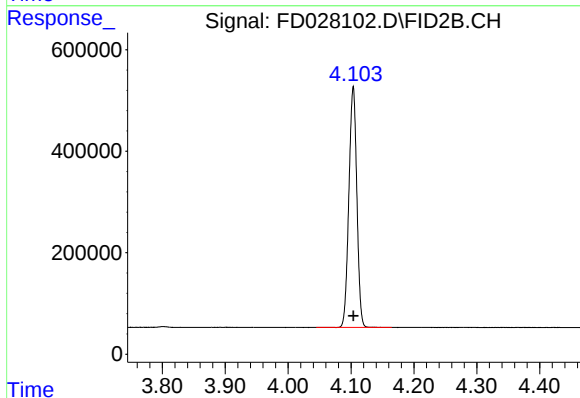
#1 n-Nonane (C9)

R.T.: 3.048 min
Delta R.T.: 0.000 min
Response: 4099770
Conc: 45.08 ug/ml

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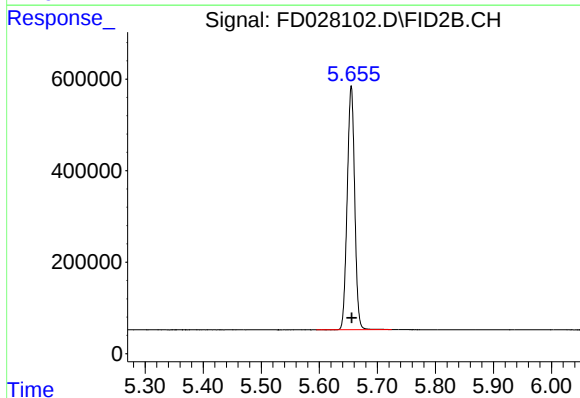
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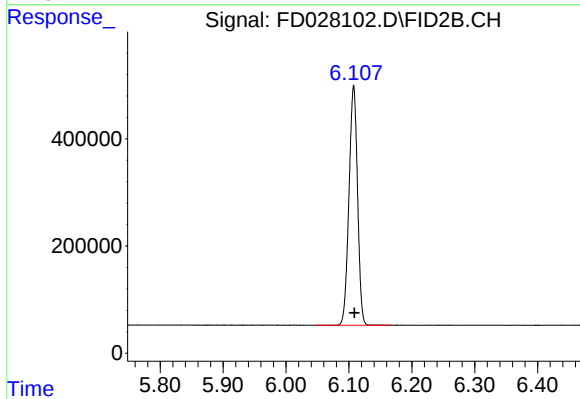
#2 n-Decane (C10)

R.T.: 4.103 min
Delta R.T.: 0.000 min
Response: 4164485
Conc: 45.00 ug/ml



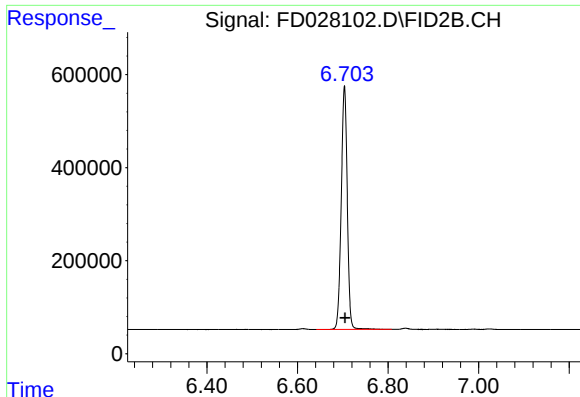
#3 A~Naphthalene (C11.7)

R.T.: 5.655 min
Delta R.T.: -0.001 min
Response: 4766444
Conc: 45.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.107 min
Delta R.T.: -0.001 min
Response: 4215022
Conc: 44.94 ug/ml



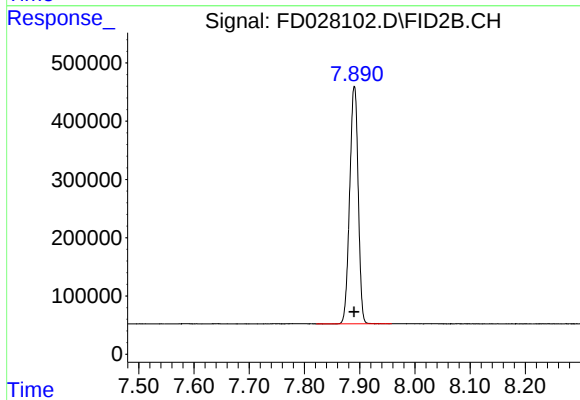
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 4842962
Conc: 45.34 ug/ml

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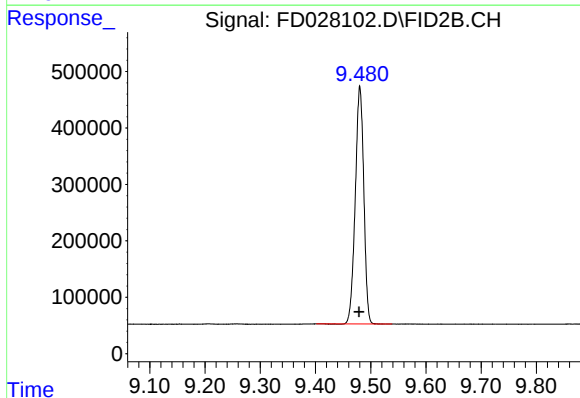
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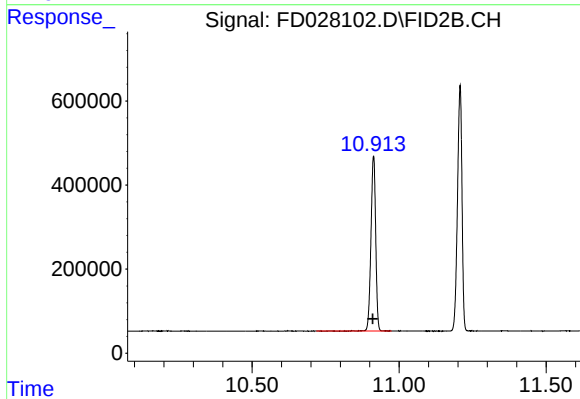
#6 n-Tetradecane (C14)

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 4370671
Conc: 45.19 ug/ml



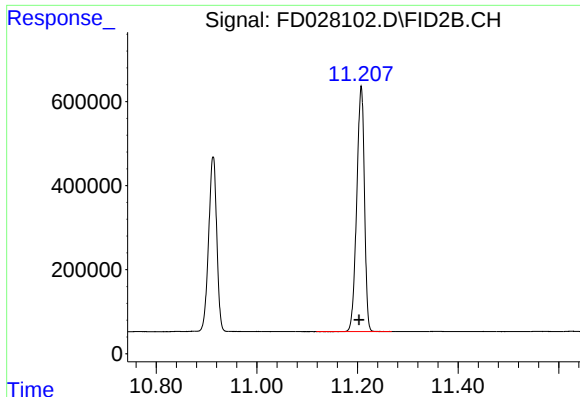
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: 0.001 min
Response: 4512032
Conc: 45.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.913 min
Delta R.T.: 0.003 min
Response: 4636931
Conc: 44.47 ug/ml



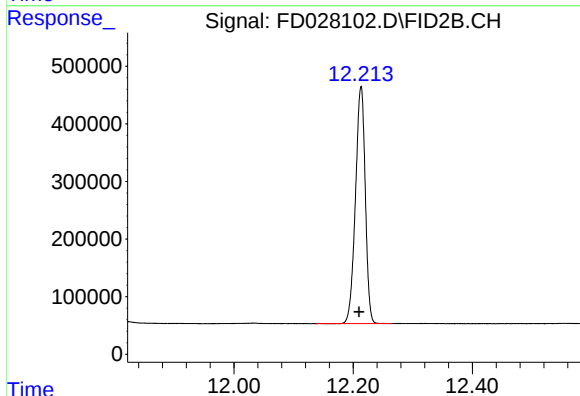
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.004 min
Response: 6209434
Conc: 45.06 ug/ml

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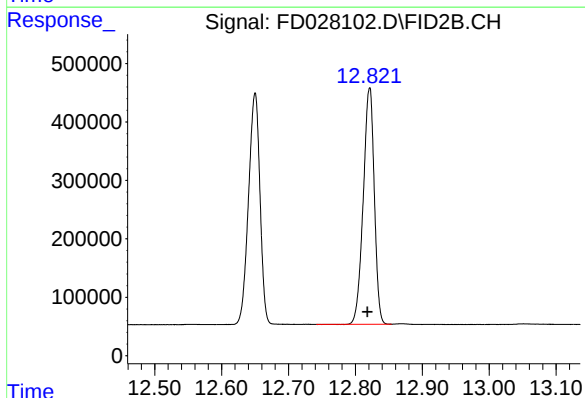
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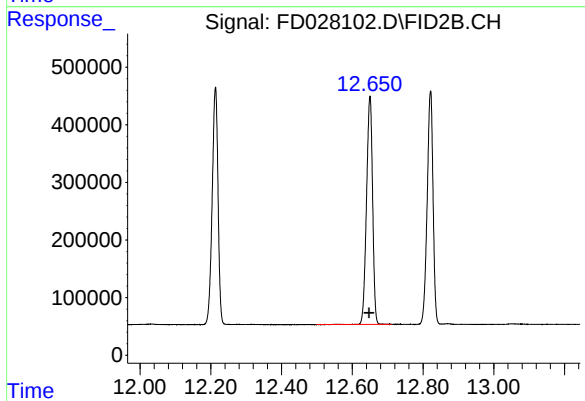
#10 n-Eicosane (C20)

R.T.: 12.213 min
Delta R.T.: 0.003 min
Response: 4700598
Conc: 44.04 ug/ml



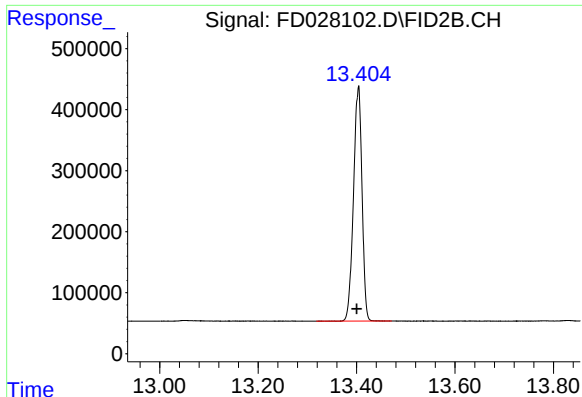
#11 n-Heneicosane (C21)

R.T.: 12.821 min
Delta R.T.: 0.003 min
Response: 4641396
Conc: 44.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.650 min
Delta R.T.: 0.003 min
Response: 4713080
Conc: 44.24 ug/ml



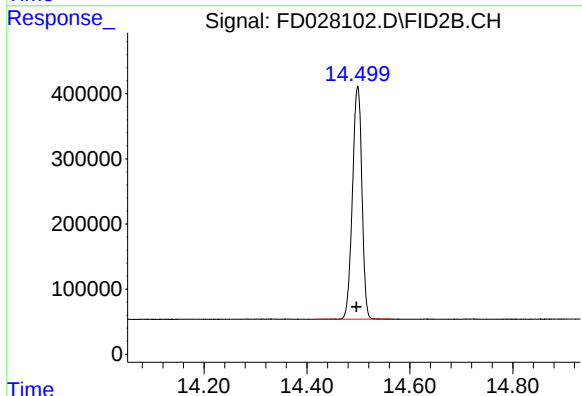
#13 n-Docosane (C22)

R.T.: 13.403 min
Delta R.T.: 0.003 min
Response: 4627713
Conc: 43.67 ug/ml

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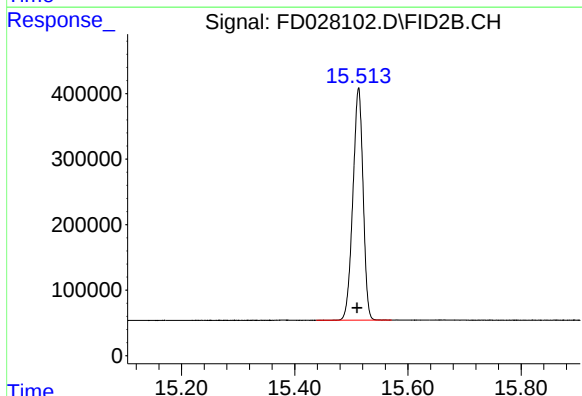
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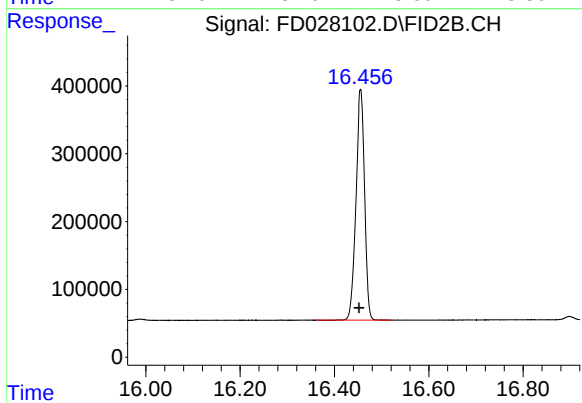
#14 n-Tetracosane (C24)

R.T.: 14.498 min
Delta R.T.: 0.002 min
Response: 4556643
Conc: 43.43 ug/ml



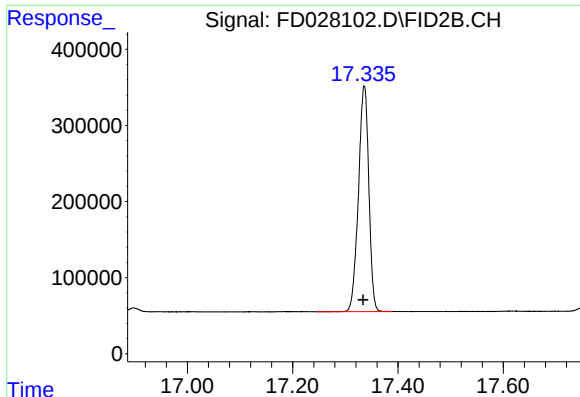
#15 n-Hexacosane (C26)

R.T.: 15.513 min
Delta R.T.: 0.003 min
Response: 4427942
Conc: 43.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.456 min
Delta R.T.: 0.003 min
Response: 4284545
Conc: 43.49 ug/ml



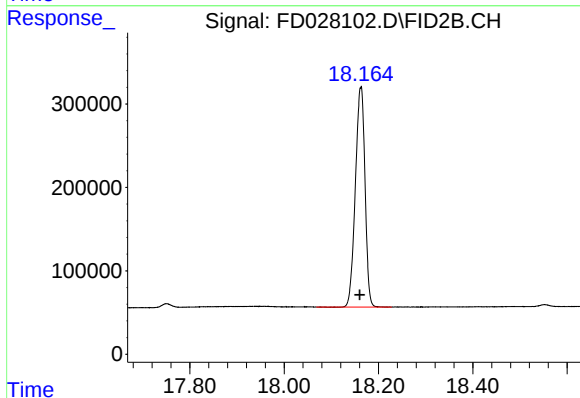
#17 n-Tricontane (C30)

R.T.: 17.336 min
Delta R.T.: 0.002 min
Response: 4056505
Conc: 43.42 ug/ml

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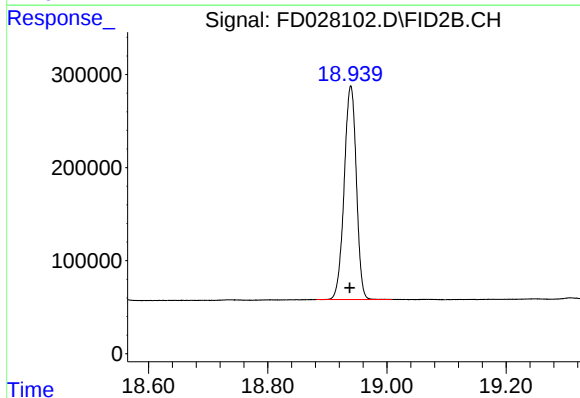
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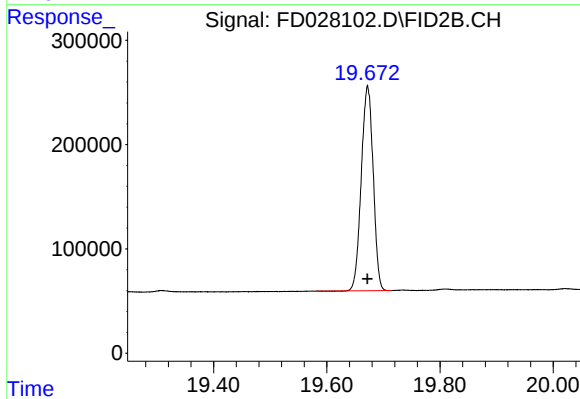
#18 n-Dotriacontane (C32)

R.T.: 18.162 min
Delta R.T.: 0.002 min
Response: 3740753
Conc: 43.86 ug/ml



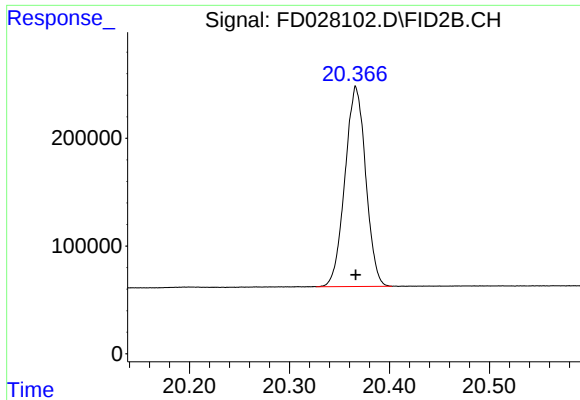
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min
Delta R.T.: 0.002 min
Response: 3255252
Conc: 44.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.672 min
Delta R.T.: 0.000 min
Response: 2866103
Conc: 44.81 ug/ml



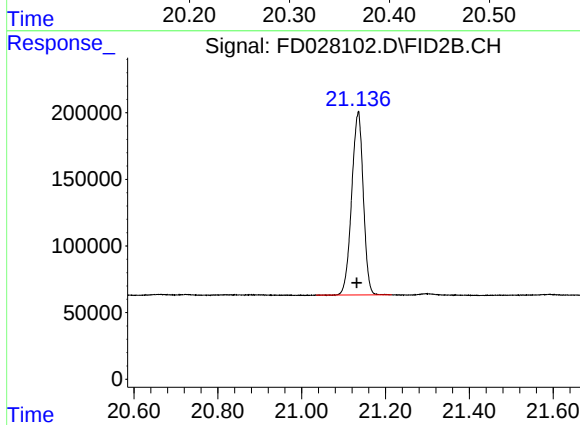
#21 n-Octatriacontane (C38)

R.T.: 20.366 min
Delta R.T.: 0.000 min
Response: 2679127
Conc: 45.13 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.135 min
Delta R.T.: 0.004 min
Response: 2639967
Conc: 45.14 ug/ml