

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121318AL\
 Data File : FD026887.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2018 20:30
 Operator : AJ\SJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
 APPROVED

Sohil
 12/14/2018 2:11:53 PM

Integration File: autoint1.e
 Quant Time: Dec 14 04:00:38 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 121318.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 14 03:50:00 2018
 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)	11.276	9942544	100.800 ug/ml
Spiked Amount 50.000		Recovery =	201.60%
12) S 1-chlorooctadecane (S...	12.719	7523589	100.795 ug/ml
Spiked Amount 50.000		Recovery =	201.59%
Target Compounds			
1) T n-Nonane (C9)	3.093	8734756	101.430 ug/ml
2) T n-Decane (C10)	4.154	8954440	101.363 ug/ml
3) T A-Naphthalene (C11.7)	5.715	10367687	101.286 ug/ml
4) T n-Dodecane (C12)	6.167	9090361	101.335 ug/ml
5) T A~2-methylnaphthalene...	6.767	10419070	101.424 ug/ml
6) T n-Tetradecane (C14)	7.952	9147297	101.156 ug/mlm
7) T n-Hexadecane (C16)	9.545	8991297	100.843 ug/ml
8) T n-Octadecane (C18)	10.980	8788649	100.705 ug/ml
10) T n-Eicosane (C20)	12.281	8695454	100.602 ug/ml
11) T n-Heneicosane (C21)	12.890	8601371	100.488 ug/ml
13) T n-Docosane (C22)	13.475	8574590	100.614 ug/ml
14) T n-Tetracosane (C24)	14.572	8553990	100.732 ug/ml
15) T n-Hexacosane (C26)	15.589	8502972	100.817 ug/ml
16) T n-Octacosane (C28)	16.535	8491296	100.754 ug/ml
17) T n-Tricontane (C30)	17.418	8275826	100.721 ug/ml
18) T n-Dotriacontane (C32)	18.246	7635138	100.401 ug/ml
19) T n-Tetratriacontane (C34)	19.025	6698944	100.652 ug/ml
20) T n-Hexatriacontane (C36)	19.761	6106776	100.872 ug/ml
21) T n-Octatriacontane (C38)	20.460	5860154	100.585 ug/mlm
22) T n-Tetracontane (C40)	21.252	5718806	101.116 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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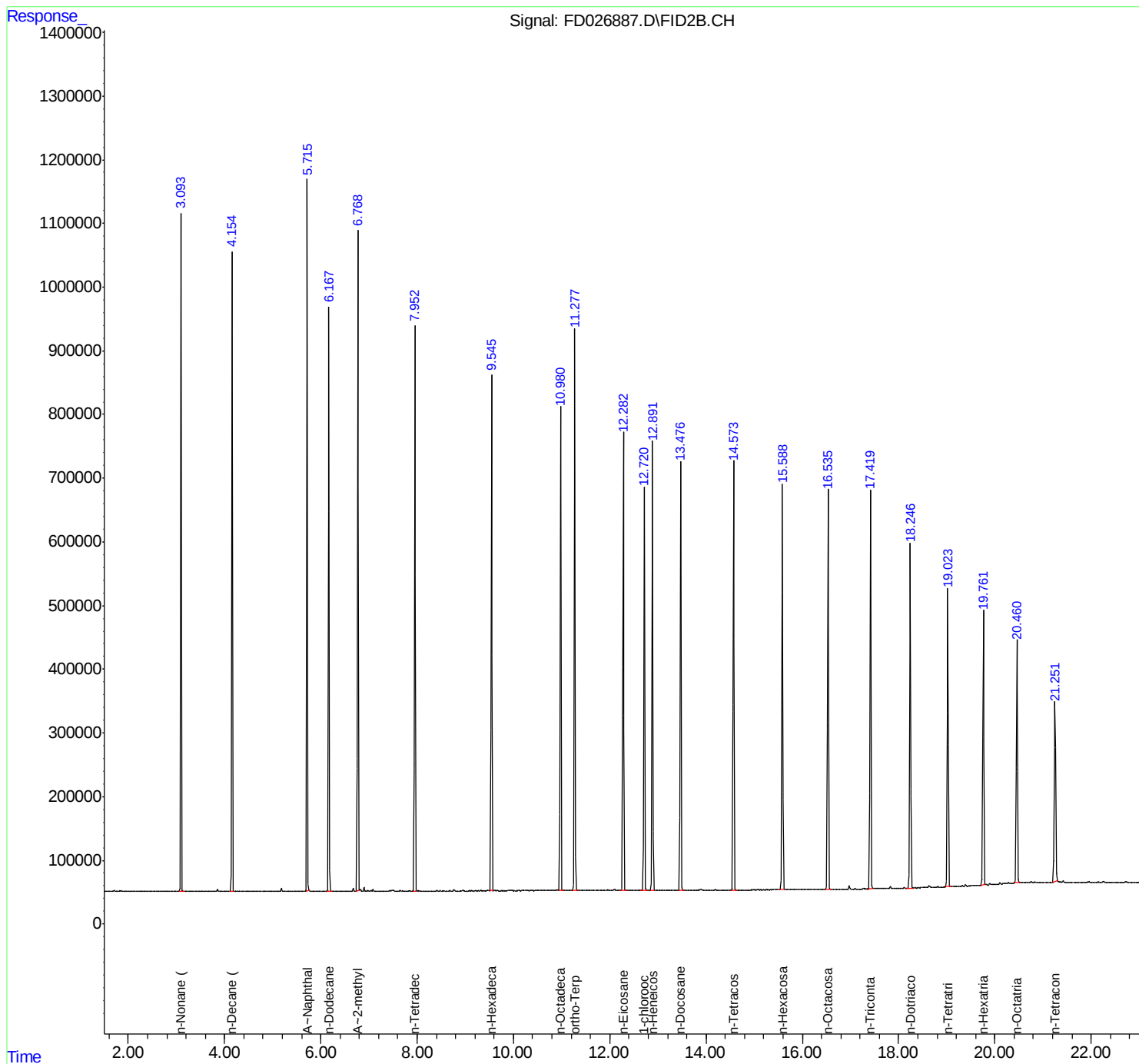
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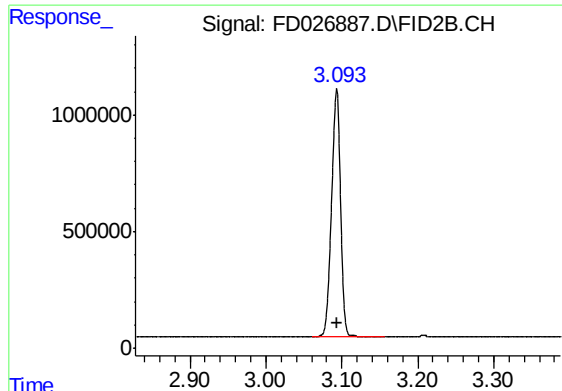
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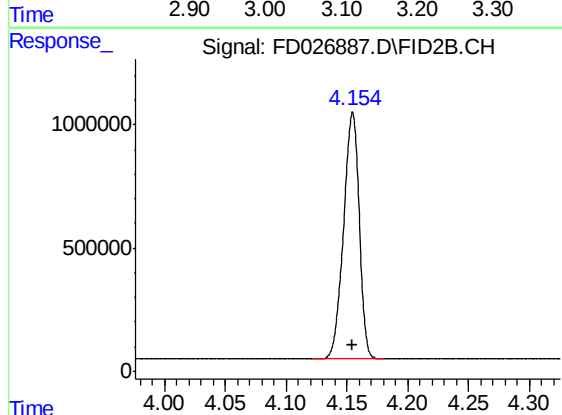
#1 n-Nonane (C9)

R.T.: 3.093 min
Delta R.T.: 0.000 min
Response: 8734756
Conc: 101.43 ug/ml

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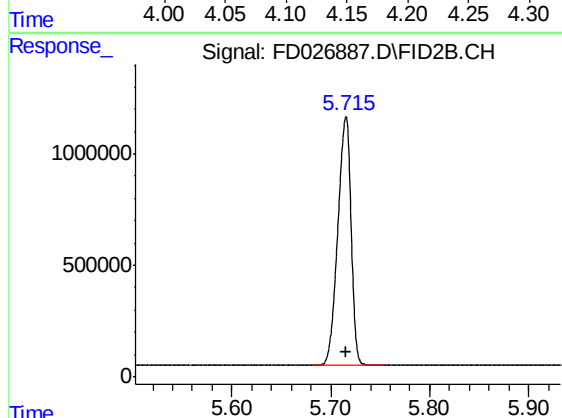
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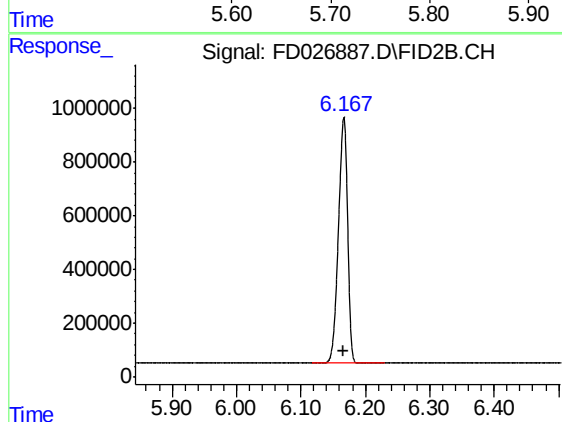
#2 n-Decane (C10)

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 8954440
Conc: 101.36 ug/ml



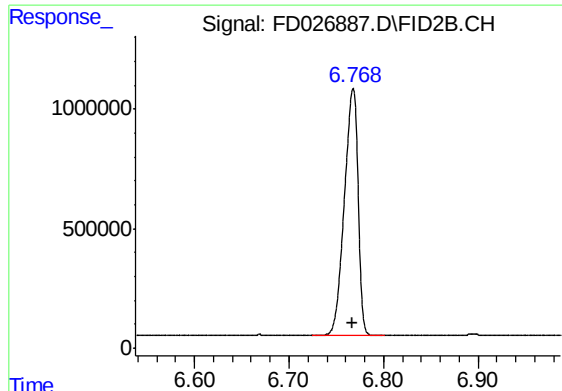
#3 A~Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 10367687
Conc: 101.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 9090361
Conc: 101.33 ug/ml



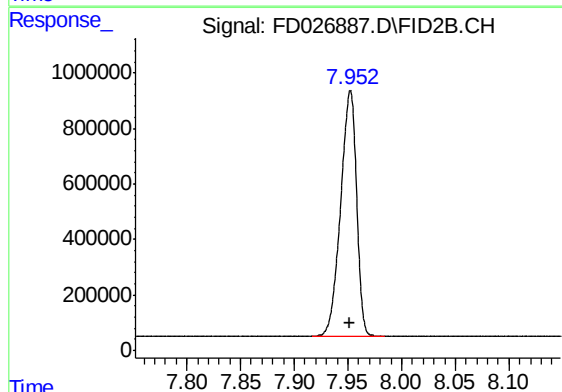
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 10419070
Conc: 101.42 ug/ml

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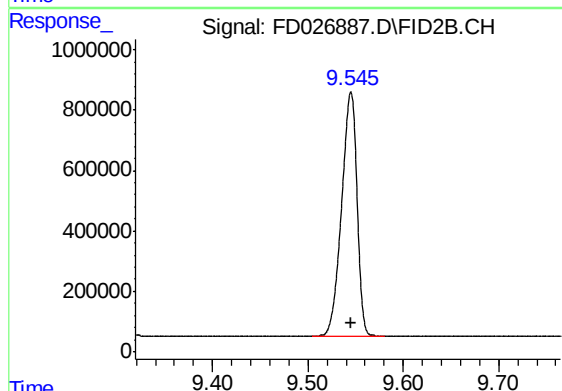
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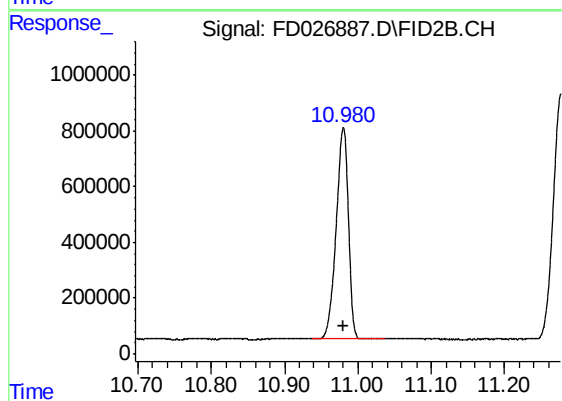
#6 n-Tetradecane (C14)

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 9147297
Conc: 101.16 ug/ml m



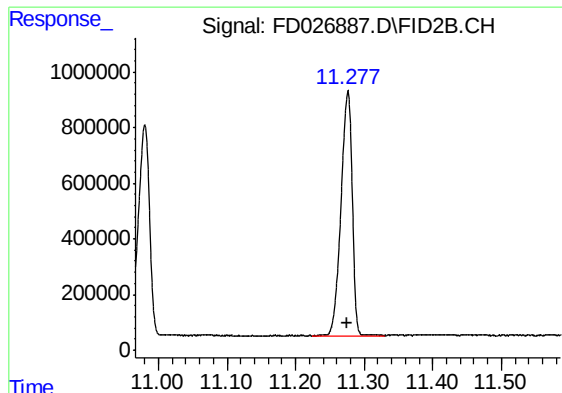
#7 n-Hexadecane (C16)

R.T.: 9.545 min
Delta R.T.: 0.000 min
Response: 8991297
Conc: 100.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.980 min
Delta R.T.: 0.000 min
Response: 8788649
Conc: 100.70 ug/ml



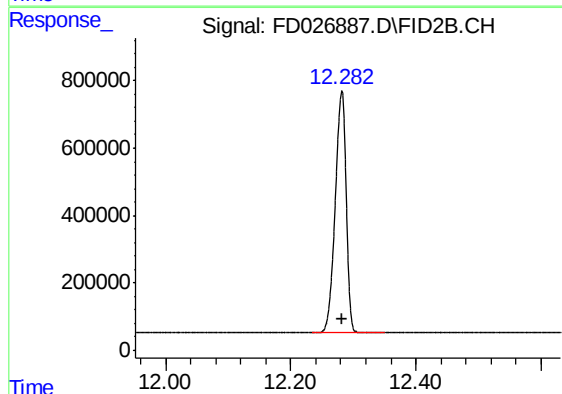
#9 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: 0.000 min
Response: 9942544
Conc: 100.80 ug/ml

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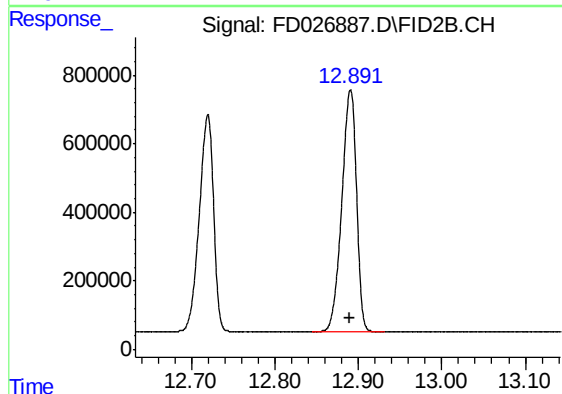
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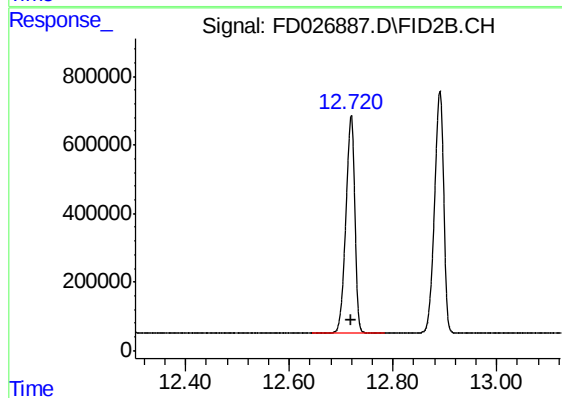
#10 n-Eicosane (C20)

R.T.: 12.281 min
Delta R.T.: 0.000 min
Response: 8695454
Conc: 100.60 ug/ml



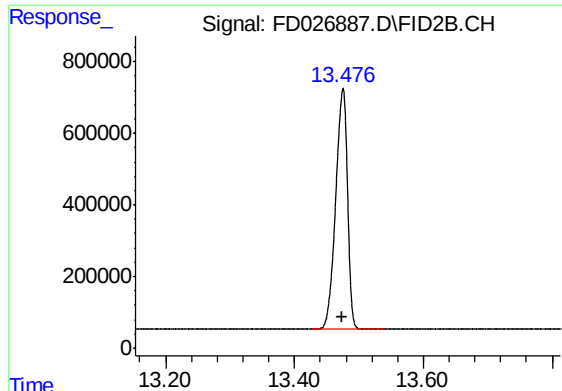
#11 n-Heneicosane (C21)

R.T.: 12.890 min
Delta R.T.: 0.000 min
Response: 8601371
Conc: 100.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.719 min
Delta R.T.: 0.000 min
Response: 7523589
Conc: 100.80 ug/ml



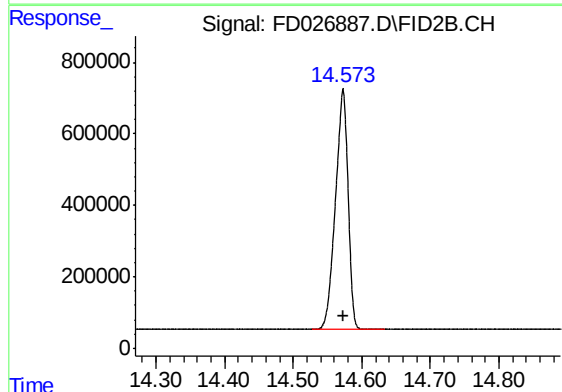
#13 n-Docosane (C22)

R.T.: 13.475 min
Delta R.T.: 0.000 min
Response: 8574590
Conc: 100.61 ug/ml

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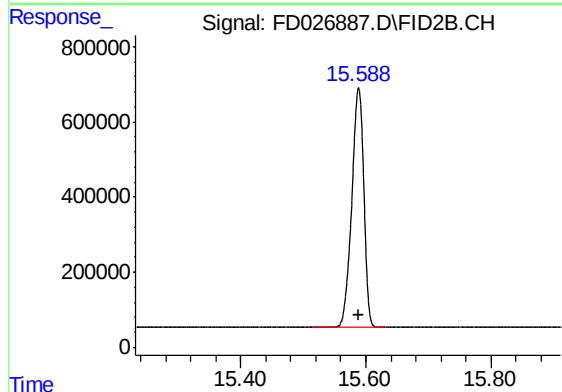
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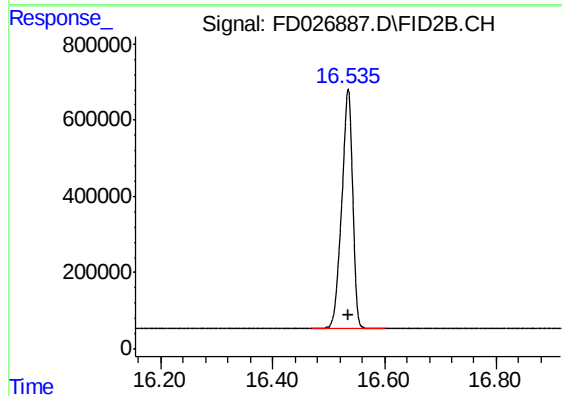
#14 n-Tetracosane (C24)

R.T.: 14.572 min
Delta R.T.: 0.000 min
Response: 8553990
Conc: 100.73 ug/ml



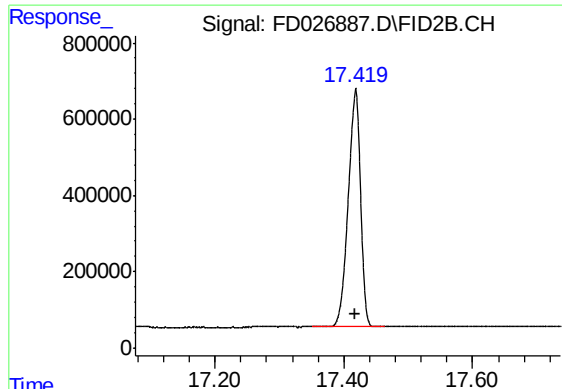
#15 n-Hexacosane (C26)

R.T.: 15.589 min
Delta R.T.: 0.000 min
Response: 8502972
Conc: 100.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.535 min
Delta R.T.: 0.000 min
Response: 8491296
Conc: 100.75 ug/ml



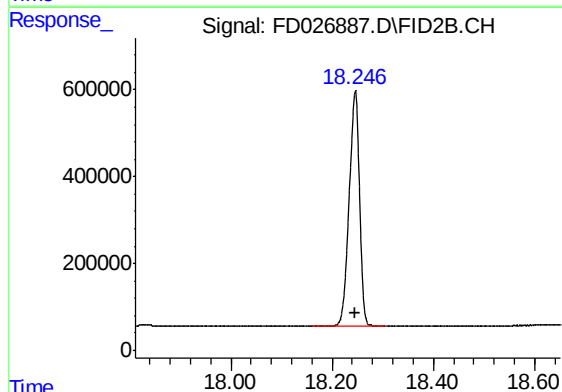
#17 n-Tricontane (C30)

R.T.: 17.418 min
Delta R.T.: 0.000 min
Response: 8275826
Conc: 100.72 ug/ml

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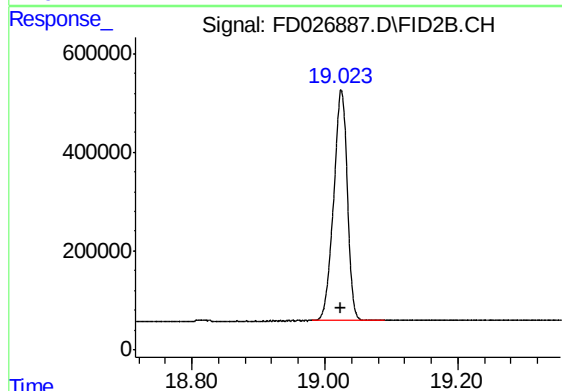
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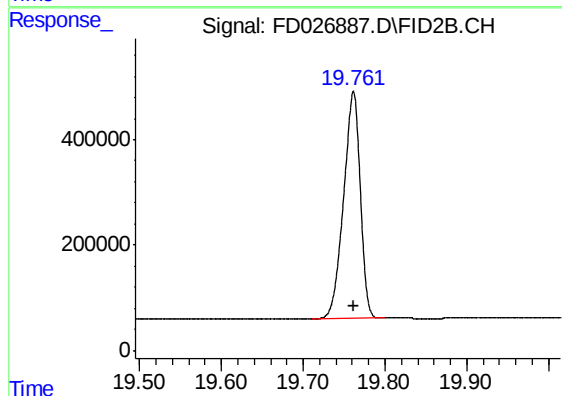
#18 n-Dotriacontane (C32)

R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 7635138
Conc: 100.40 ug/ml



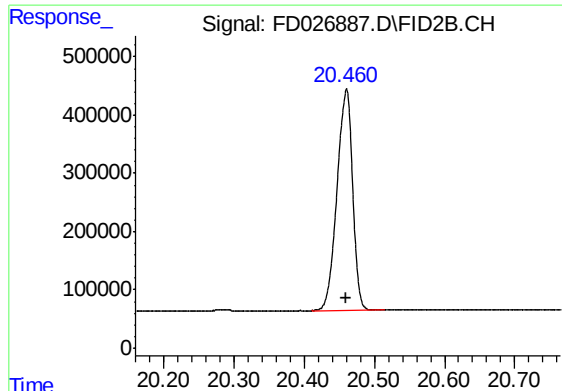
#19 n-Tetatriacontane (C34)

R.T.: 19.025 min
Delta R.T.: 0.000 min
Response: 6698944
Conc: 100.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.761 min
Delta R.T.: 0.000 min
Response: 6106776
Conc: 100.87 ug/ml



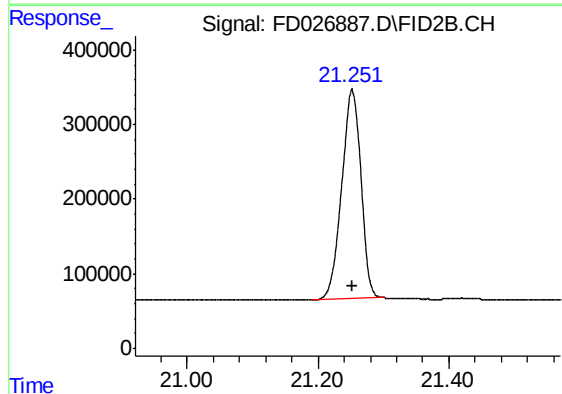
#21 n-Octatriacontane (C38)

R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 5860154
Conc: 100.58 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.252 min
Delta R.T.: 0.000 min
Response: 5718806
Conc: 101.12 ug/ml