

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102119AL\
 Data File : FD031137.D
 Signal(s) : FID2B.CH
 Acq On : 21 Oct 2019 18:49
 Operator : DD\AJ
 Sample : PB124151BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB124151BS

Manual Integrations
 APPROVED

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 10/22/2019 10:18:21 AM

Integration File: sample.E
 Quant Time: Oct 22 01:57:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 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			
12) S 1-chlorooctadecane (S...	12.869	5157063	55.080 ug/ml
Spiked Amount 50.000		Recovery =	110.16%
Target Compounds			
1) T n-Nonane (C9)	3.259	6417418	61.350 ug/ml
2) T n-Decane (C10)	4.317	6514522	62.145 ug/ml
4) T n-Dodecane (C12)	6.322	6629659	61.983 ug/ml
6) T n-Tetradecane (C14)	8.106	6629749	61.644 ug/ml
7) T n-Hexadecane (C16)	9.696	6554277	60.861 ug/ml
8) T n-Octadecane (C18)	11.128	6510206	59.546 ug/ml
10) T n-Eicosane (C20)	12.429	6325479	57.848 ug/ml
11) T n-Heneicosane (C21)	13.036	6283095	57.167 ug/ml
13) T n-Docosane (C22)	13.618	6183546	56.542 ug/ml
14) T n-Tetracosane (C24)	14.713	5995744	54.901 ug/ml
15) T n-Hexacosane (C26)	15.726	5777385	53.385 ug/ml
16) T n-Octacosane (C28)	16.669	5619924	52.349 ug/ml
17) T n-Tricontane (C30)	17.549	5588519	52.464 ug/mlm
18) T n-Dotriacontane (C32)	18.374	5506782	53.493 ug/mlm
19) T n-Tetratriacontane (C34)	19.151	5490868	55.873 ug/mlm
20) T n-Hexatriacontane (C36)	19.885	5343390	58.006 ug/ml
21) T n-Octatriacontane (C38)	20.588	5206404	60.161 ug/ml
22) T n-Tetracontane (C40)	21.420	5406517	60.846 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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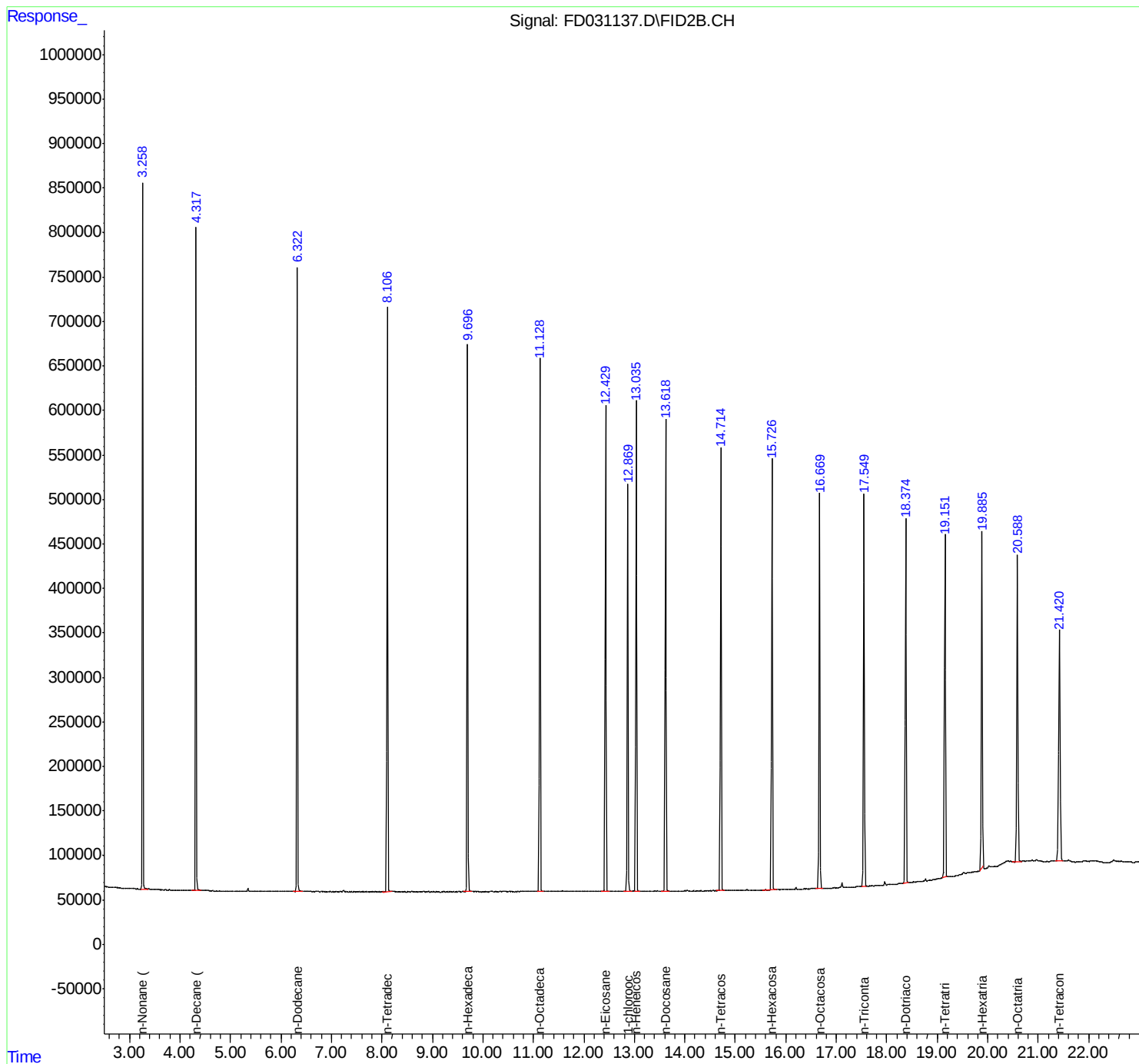
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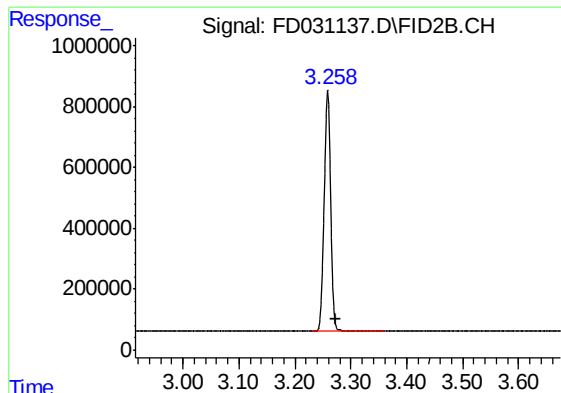
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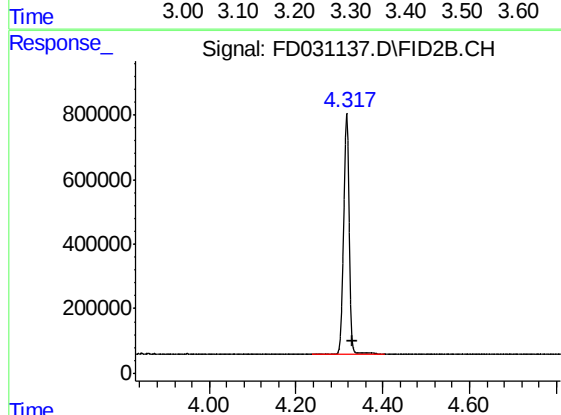
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.015 min
Response: 6417418
Conc: 61.35 ug/ml

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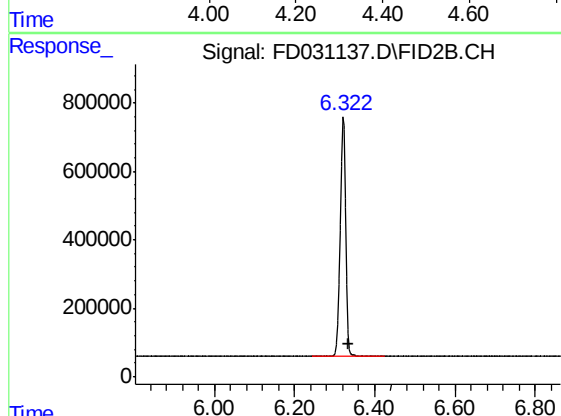
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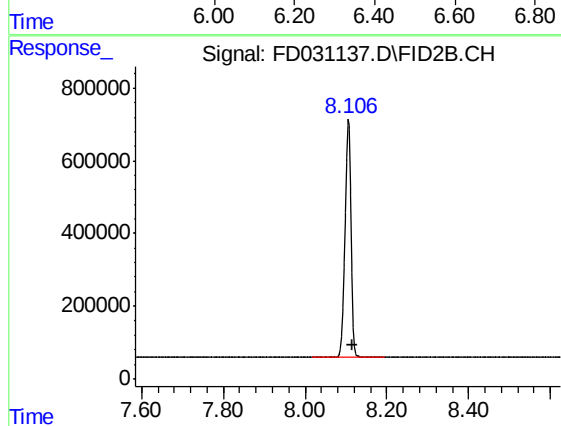
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: -0.014 min
Response: 6514522
Conc: 62.14 ug/ml



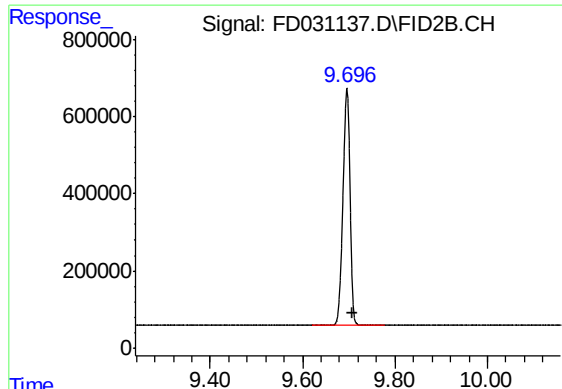
#4 n-Dodecane (C12)

R.T.: 6.322 min
Delta R.T.: -0.013 min
Response: 6629659
Conc: 61.98 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.106 min
Delta R.T.: -0.011 min
Response: 6629749
Conc: 61.64 ug/ml



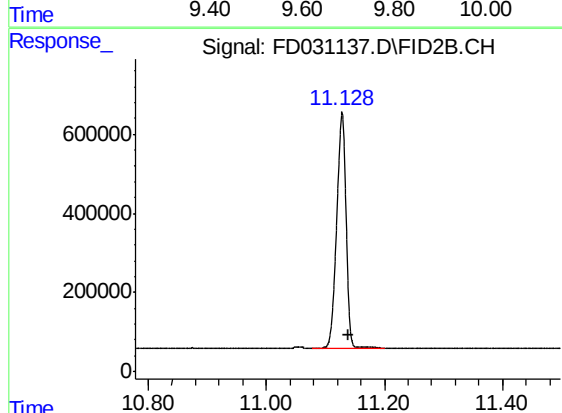
#7 n-Hexadecane (C16)

R.T.: 9.696 min
Delta R.T.: -0.011 min
Response: 6554277
Conc: 60.86 ug/ml

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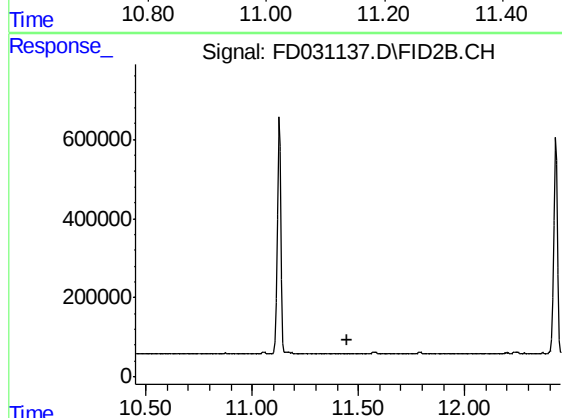
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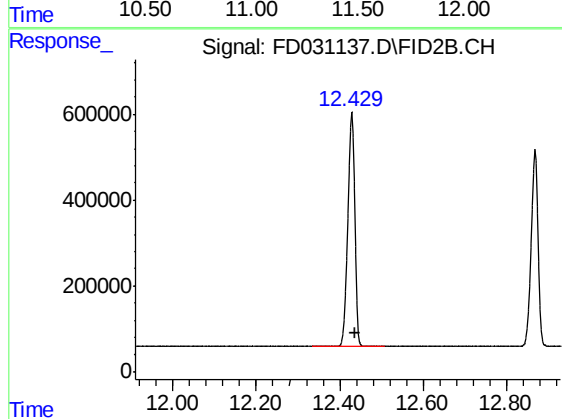
#8 n-Octadecane (C18)

R.T.: 11.128 min
Delta R.T.: -0.011 min
Response: 6510206
Conc: 59.55 ug/ml



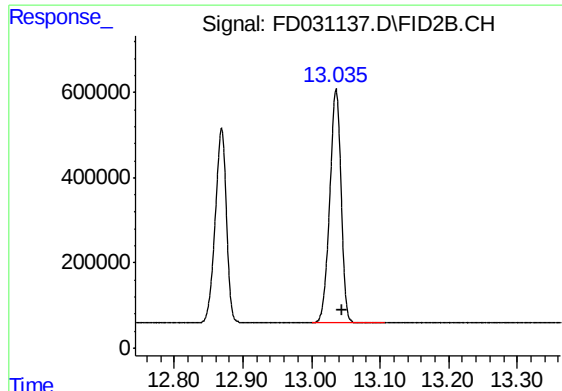
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.451 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.429 min
Delta R.T.: -0.008 min
Response: 6325479
Conc: 57.85 ug/ml



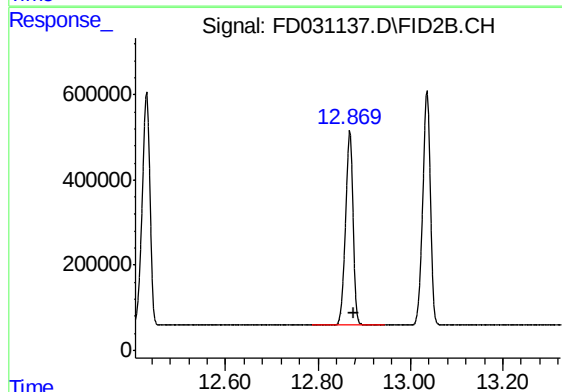
#11 n-Heneicosane (C21)

R.T.: 13.036 min
Delta R.T.: -0.008 min
Response: 6283095
Conc: 57.17 ug/ml

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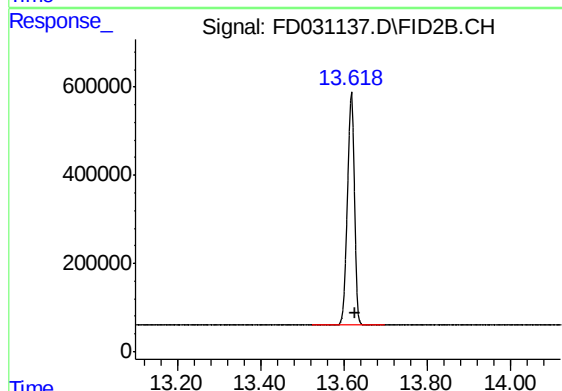
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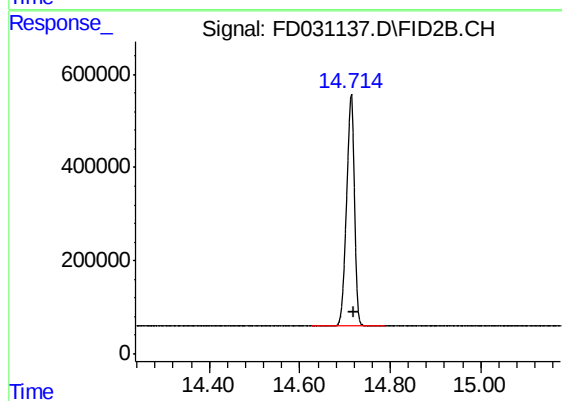
#12 1-chlorooctadecane (SURR)

R.T.: 12.869 min
Delta R.T.: -0.008 min
Response: 5157063
Conc: 55.08 ug/ml



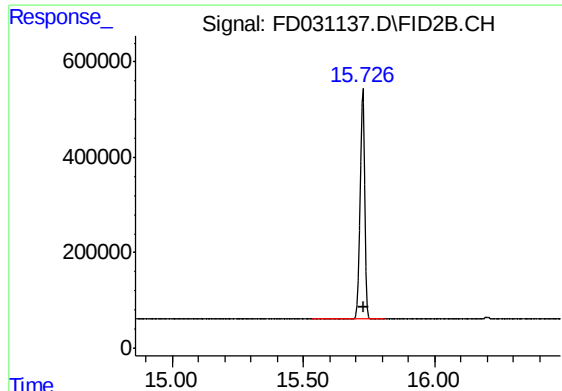
#13 n-Docosane (C22)

R.T.: 13.618 min
Delta R.T.: -0.008 min
Response: 6183546
Conc: 56.54 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.713 min
Delta R.T.: -0.005 min
Response: 5995744
Conc: 54.90 ug/ml



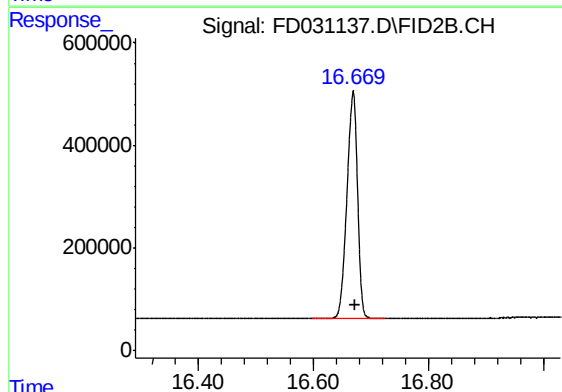
#15 n-Hexacosane (C26)

R.T.: 15.726 min
Delta R.T.: -0.004 min
Response: 5777385
Conc: 53.38 ug/ml

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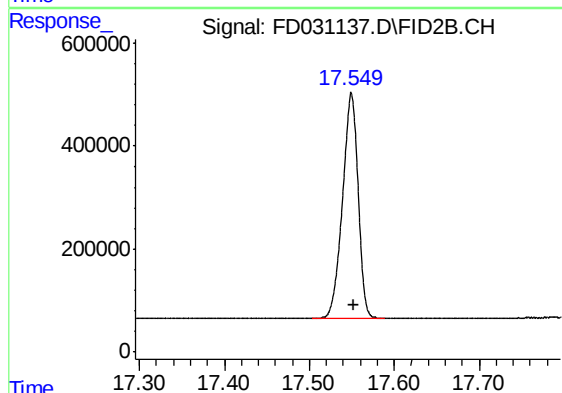
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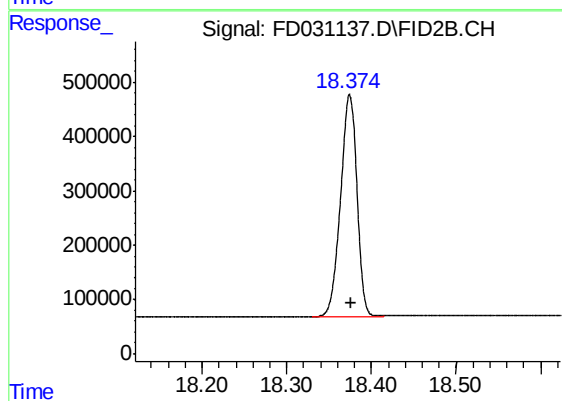
#16 n-Octacosane (C28)

R.T.: 16.669 min
Delta R.T.: -0.003 min
Response: 5619924
Conc: 52.35 ug/ml



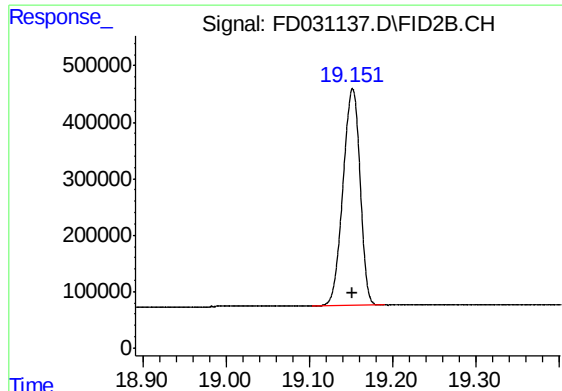
#17 n-Tricontane (C30)

R.T.: 17.549 min
Delta R.T.: -0.003 min
Response: 5588519
Conc: 52.46 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.374 min
Delta R.T.: -0.002 min
Response: 5506782
Conc: 53.49 ug/ml m



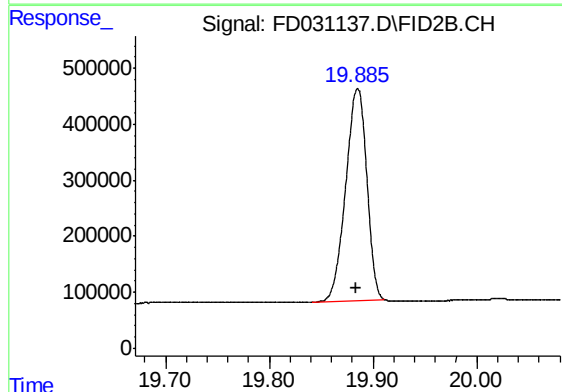
#19 n-Tetratriacontane (C34)

R.T.: 19.151 min
Delta R.T.: 0.000 min
Response: 5490868
Conc: 55.87 ug/ml m

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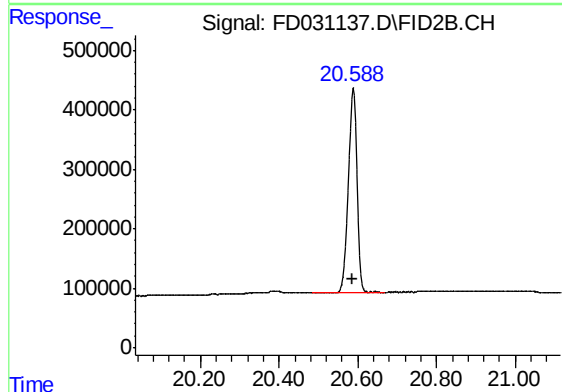
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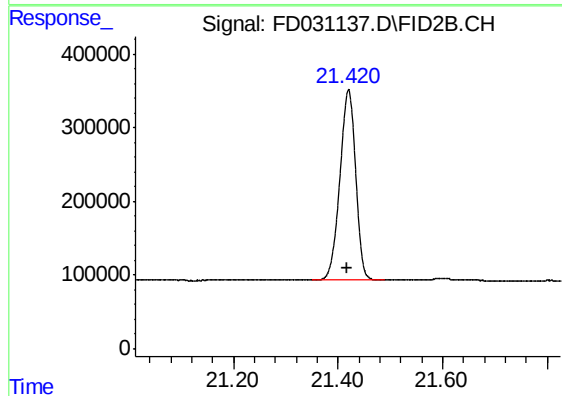
#20 n-Hexatriacontane (C36)

R.T.: 19.885 min
Delta R.T.: 0.001 min
Response: 5343390
Conc: 58.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.588 min
Delta R.T.: 0.002 min
Response: 5206404
Conc: 60.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.420 min
Delta R.T.: 0.002 min
Response: 5406517
Conc: 60.85 ug/ml m