

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055137.D
 Signal(s) : FID1A.CH
 Acq On : 11 Aug 2021 20:54
 Operator : AJ\MA
 Sample : M3326-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDE-NBMSD

Manual Integrations
 APPROVED

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 8/12/2021 12:01:38 PM

Integration File: autoint1.e
 Quant Time: Aug 12 02:12:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 2021
 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...	12.751	2811301	28.366 ug/ml
Spiked Amount 50.000		Recovery =	56.73%
Target Compounds			
1) T n-Nonane (C9)	3.145	2434568	23.283 ug/ml
2) T n-Decane (C10)	4.194	3151444	29.926 ug/ml
4) T n-Dodecane (C12)	6.195	4057101	37.361 ug/ml
6) T n-Tetradecane (C14)	7.980	4794483	42.947 ug/ml
7) T n-Hexadecane (C16)	9.573	5270226	46.209 ug/ml
8) T n-Octadecane (C18)	11.008	5598274	47.474 ug/ml
10) T n-Eicosane (C20)	12.312	5353328	45.598 ug/ml
11) T n-Heneicosane (C21)	12.921	5298761	44.876 ug/ml
13) T n-Docosane (C22)	13.505	5139149	44.001 ug/ml
14) T n-Tetracosane (C24)	14.604	4943454	42.708 ug/ml
15) T n-Hexacosane (C26)	15.621	4740768	42.301 ug/ml
16) T n-Octacosane (C28)	16.566	4656494	42.888 ug/ml
17) T n-Tricontane (C30)	17.452	4515257	43.245 ug/ml
18) T n-Dotriacontane (C32)	18.282	4387924	44.307 ug/ml
19) T n-Tetratriacontane (C34)	19.064	4245703	44.796 ug/ml
20) T n-Hexatriacontane (C36)	19.803	4102403	45.398 ug/mlm
21) T n-Octatriacontane (C38)	20.503	3900393	45.141 ug/ml
22) T n-Tetracontane (C40)	21.310	4004446	44.966 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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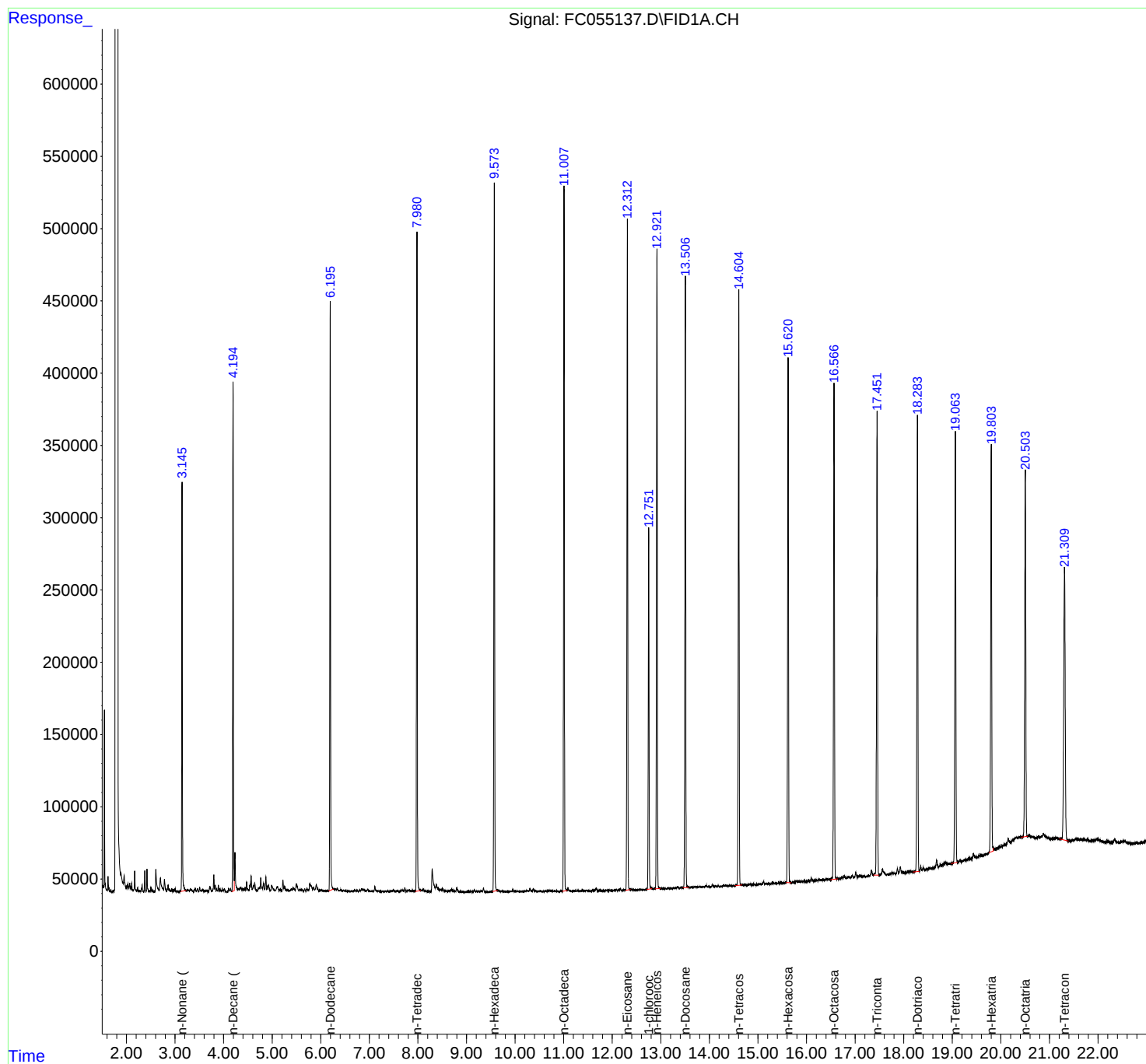
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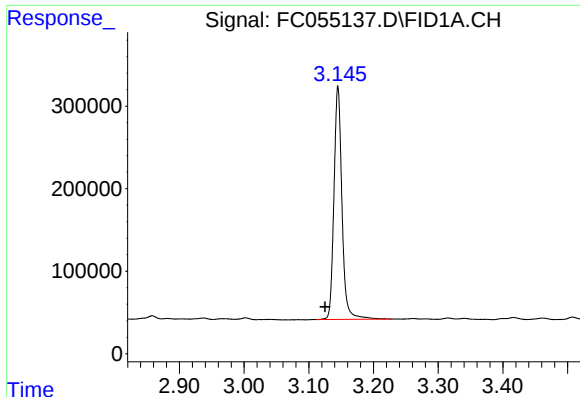
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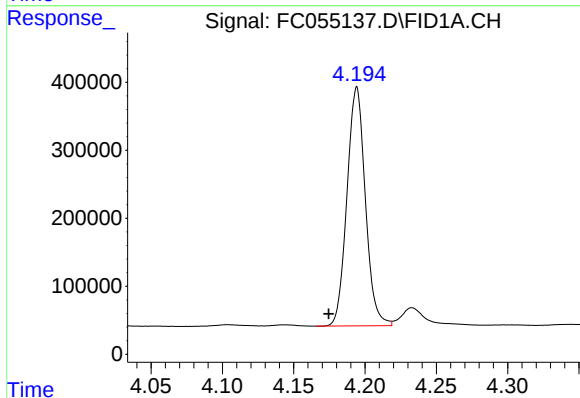
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 2434568
Conc: 23.28 ug/ml

Instrument :
FID_C
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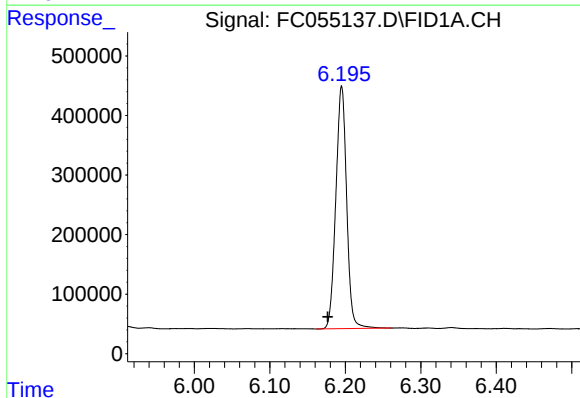
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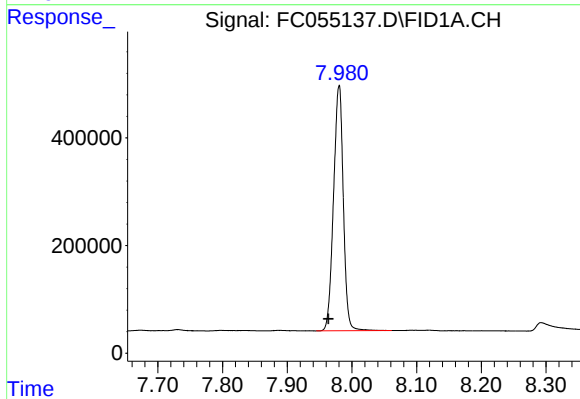
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.020 min
Response: 3151444
Conc: 29.93 ug/ml



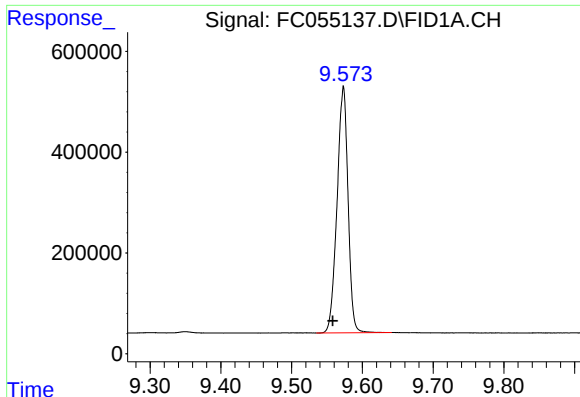
#4 n-Dodecane (C12)

R.T.: 6.195 min
Delta R.T.: 0.018 min
Response: 4057101
Conc: 37.36 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: 0.016 min
Response: 4794483
Conc: 42.95 ug/ml



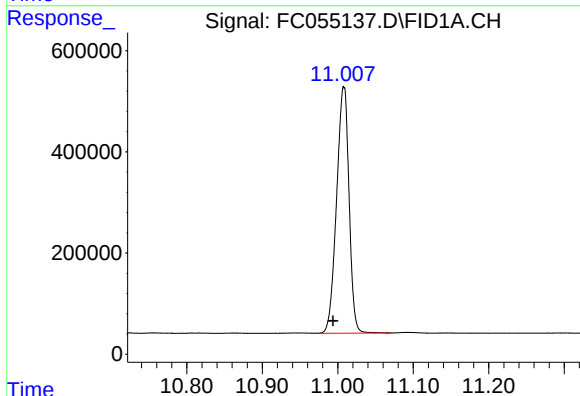
#7 n-Hexadecane (C16)

R.T.: 9.573 min
Delta R.T.: 0.015 min
Response: 5270226
Conc: 46.21 ug/ml

Instrument :
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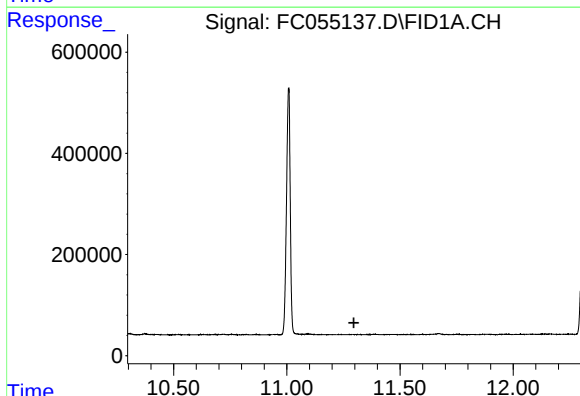
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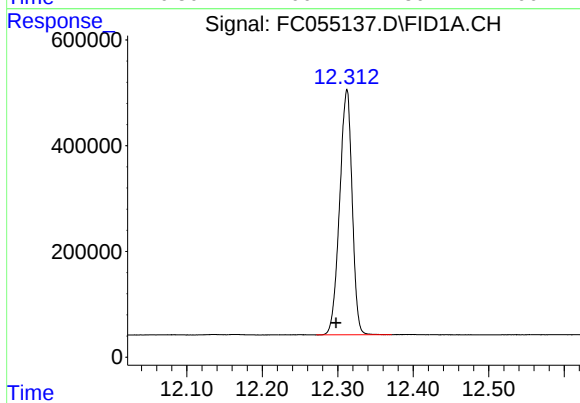
#8 n-Octadecane (C18)

R.T.: 11.008 min
Delta R.T.: 0.014 min
Response: 5598274
Conc: 47.47 ug/ml



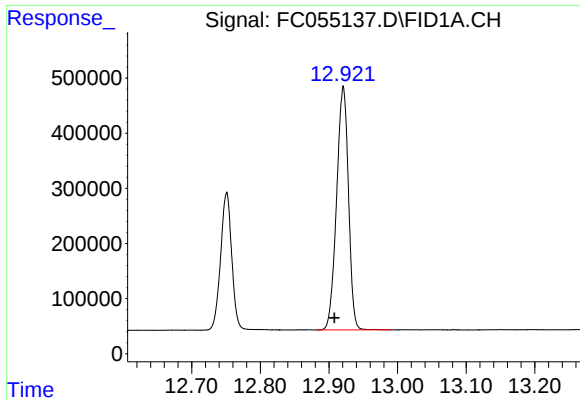
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.296 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.312 min
Delta R.T.: 0.014 min
Response: 5353328
Conc: 45.60 ug/ml



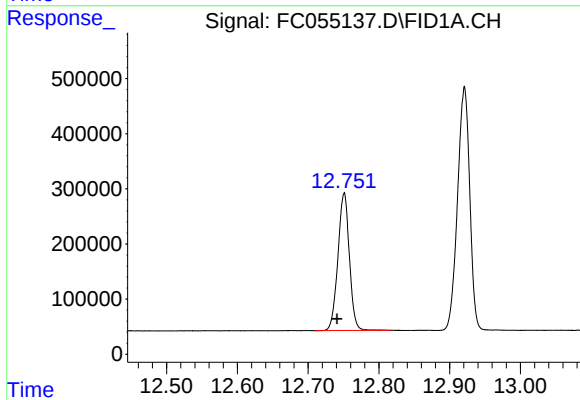
#11 n-Heneicosane (C21)

R.T.: 12.921 min
Delta R.T.: 0.013 min
Response: 5298761
Conc: 44.88 ug/ml

Instrument :
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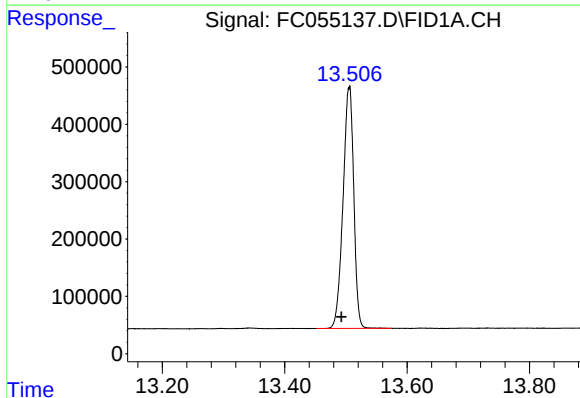
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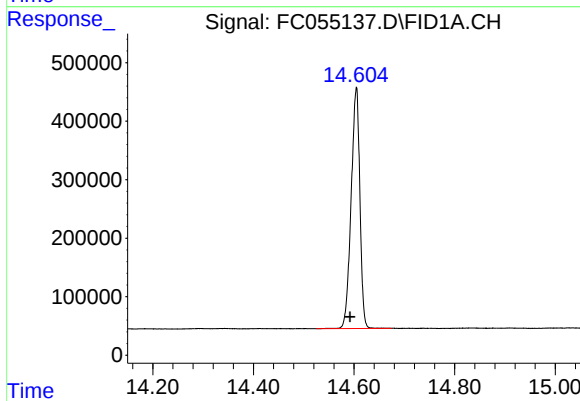
#12 1-chlorooctadecane (SURR)

R.T.: 12.751 min
Delta R.T.: 0.010 min
Response: 2811301
Conc: 28.37 ug/ml



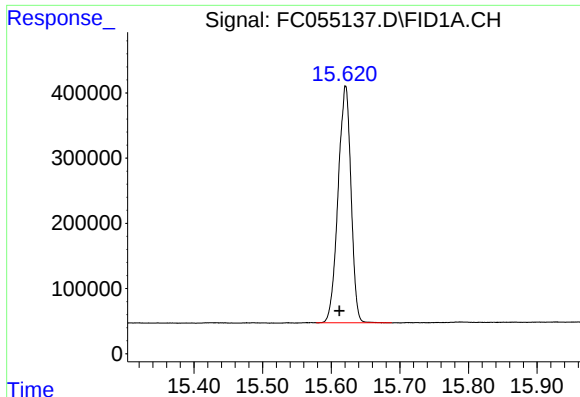
#13 n-Docosane (C22)

R.T.: 13.505 min
Delta R.T.: 0.012 min
Response: 5139149
Conc: 44.00 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.604 min
Delta R.T.: 0.012 min
Response: 4943454
Conc: 42.71 ug/ml



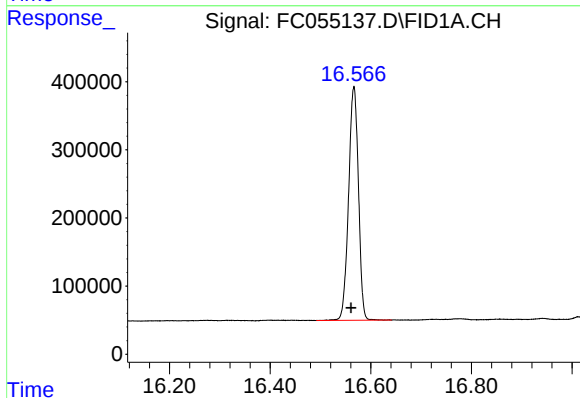
#15 n-Hexacosane (C26)

R.T.: 15.621 min
Delta R.T.: 0.009 min
Response: 4740768
Conc: 42.30 ug/ml

Instrument :
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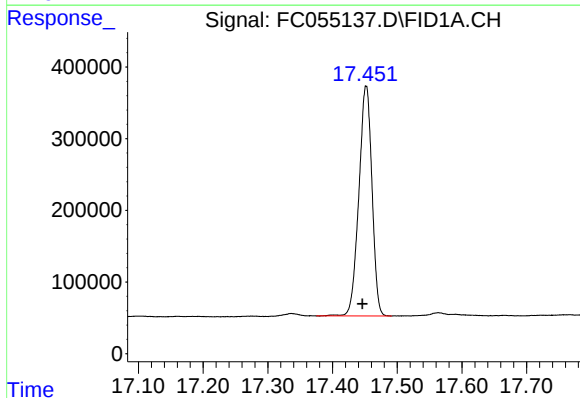
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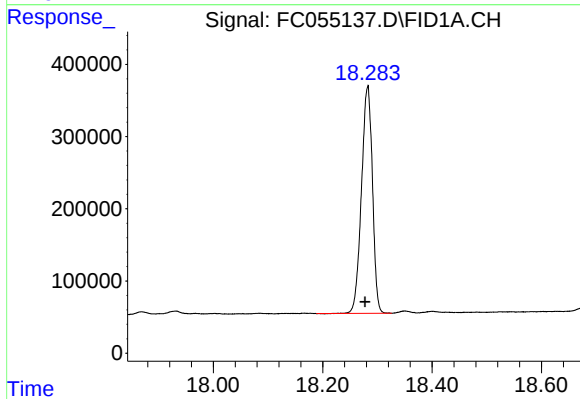
#16 n-Octacosane (C28)

R.T.: 16.566 min
Delta R.T.: 0.006 min
Response: 4656494
Conc: 42.89 ug/ml



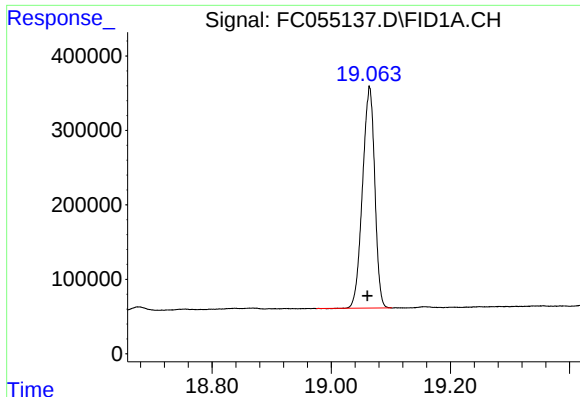
#17 n-Tricontane (C30)

R.T.: 17.452 min
Delta R.T.: 0.006 min
Response: 4515257
Conc: 43.25 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.282 min
Delta R.T.: 0.005 min
Response: 4387924
Conc: 44.31 ug/ml



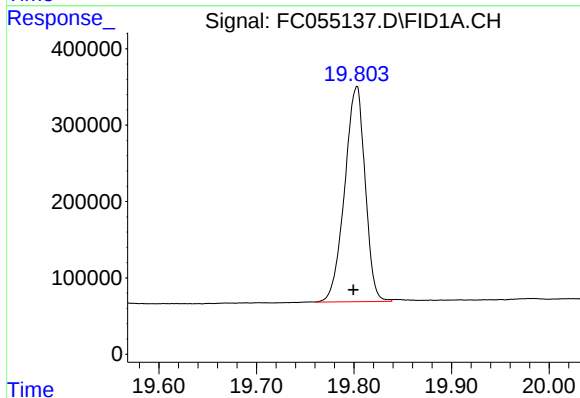
#19 n-Tetratriacontane (C34)

R.T.: 19.064 min
Delta R.T.: 0.004 min
Response: 4245703
Conc: 44.80 ug/ml

Instrument :
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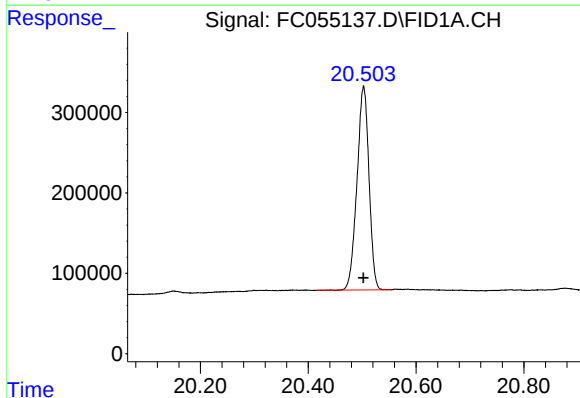
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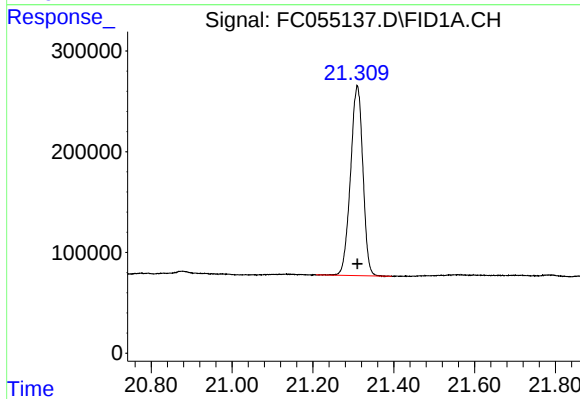
#20 n-Hexatriacontane (C36)

R.T.: 19.803 min
Delta R.T.: 0.004 min
Response: 4102403
Conc: 45.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.503 min
Delta R.T.: 0.000 min
Response: 3900393
Conc: 45.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: 0.000 min
Response: 4004446
Conc: 44.97 ug/ml