

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055133.D
 Signal(s) : FID1A.CH
 Acq On : 11 Aug 2021 17:58
 Operator : AJ\MA
 Sample : PB138326BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138326BSD

Manual Integrations
 APPROVED

mohammad
 8/12/2021 12:01:31 PM

Integration File: autoint1.e
 Quant Time: Aug 12 02:11:38 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...	12.749	2576363	25.996 ug/ml
Spiked Amount 50.000		Recovery =	51.99%
Target Compounds			
1) T n-Nonane (C9)	3.144	3151306	30.137 ug/ml
2) T n-Decane (C10)	4.195	4143802	39.350 ug/ml
4) T n-Dodecane (C12)	6.196	4974826	45.812 ug/ml
6) T n-Tetradecane (C14)	7.980	5169491	46.306 ug/ml
7) T n-Hexadecane (C16)	9.572	5182945	45.443 ug/ml
8) T n-Octadecane (C18)	11.007	5369931	45.538 ug/ml
10) T n-Eicosane (C20)	12.309	5138164	43.765 ug/ml
11) T n-Heneicosane (C21)	12.919	5080010	43.023 ug/ml
13) T n-Docosane (C22)	13.503	4947256	42.358 ug/ml
14) T n-Tetracosane (C24)	14.603	4765920	41.174 ug/ml
15) T n-Hexacosane (C26)	15.620	4588717	40.945 ug/ml
16) T n-Octacosane (C28)	16.567	4463755	41.113 ug/ml
17) T n-Tricontane (C30)	17.452	4417963	42.313 ug/ml
18) T n-Dotriacontane (C32)	18.282	4353919	43.964 ug/ml
19) T n-Tetratriacontane (C34)	19.064	4183457	44.139 ug/ml
20) T n-Hexatriacontane (C36)	19.801	3977445	44.015 ug/mlm
21) T n-Octatriacontane (C38)	20.504	3800234	43.982 ug/mlm
22) T n-Tetracontane (C40)	21.310	3829847	43.006 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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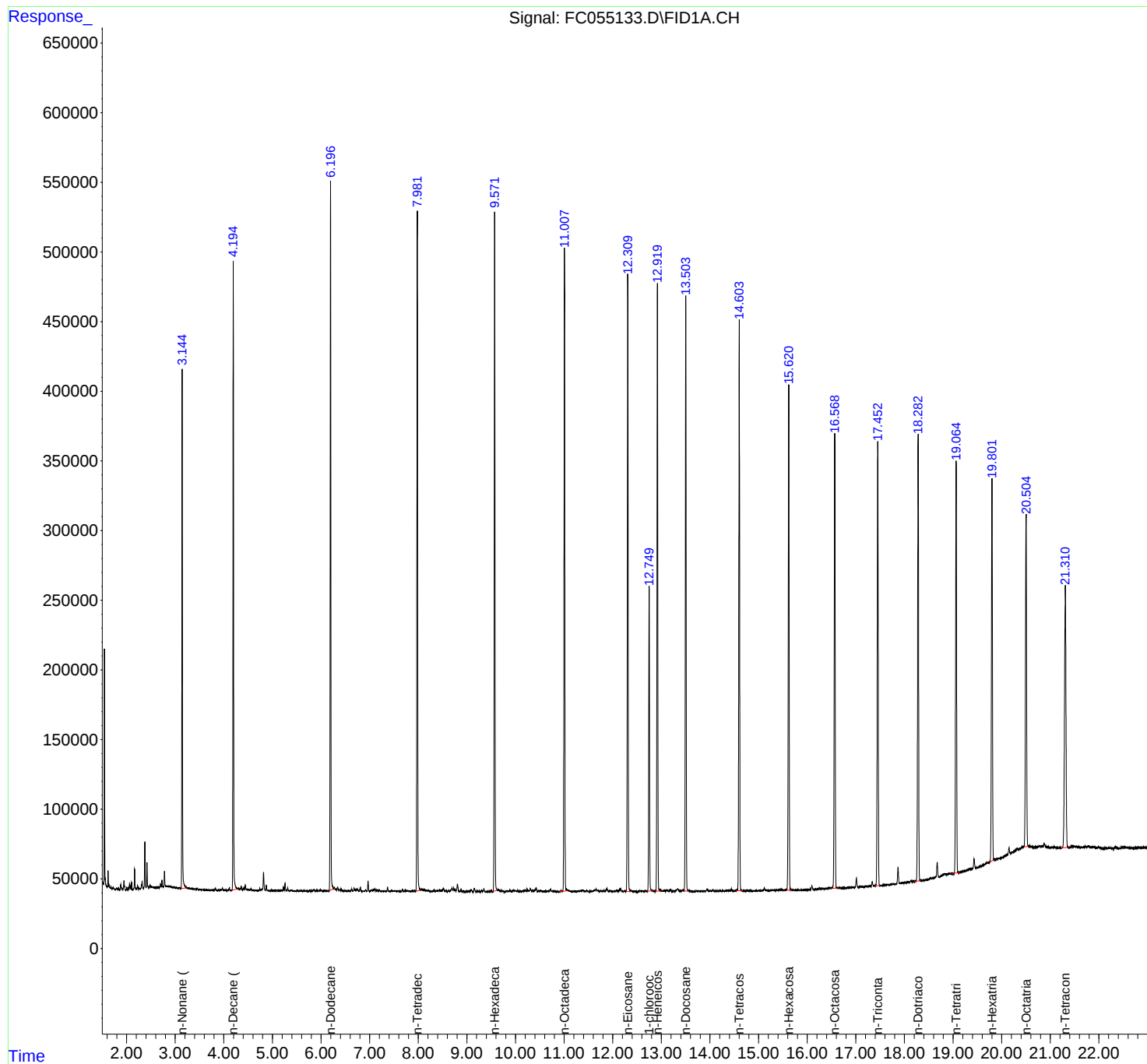
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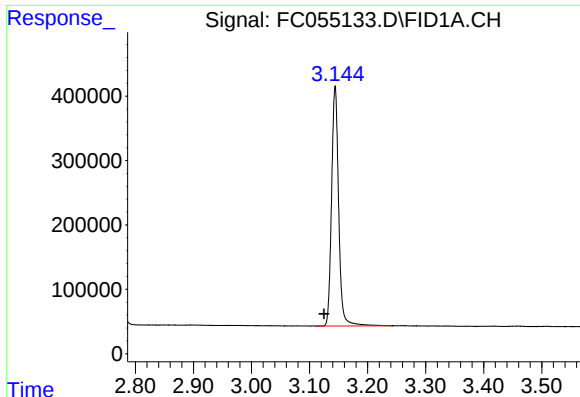
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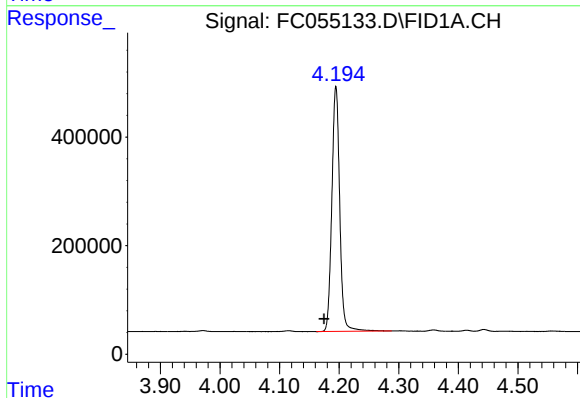
#1 n-Nonane (C9)

R.T.: 3.144 min
Delta R.T.: 0.019 min
Response: 3151306
Conc: 30.14 ug/ml

Instrument :
FID_C
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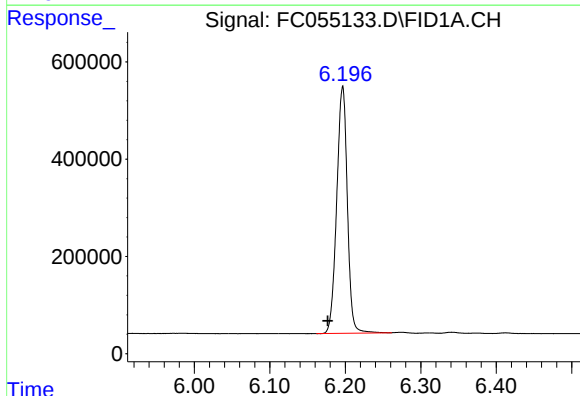
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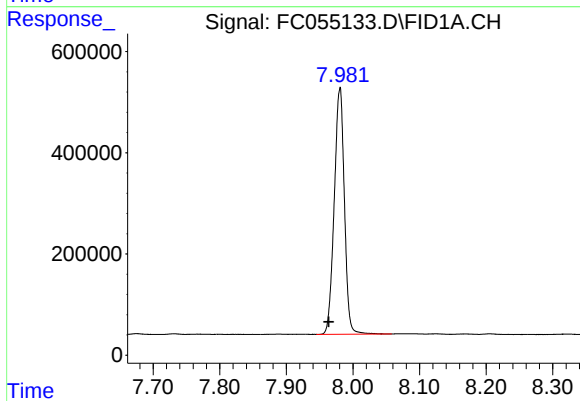
#2 n-Decane (C10)

R.T.: 4.195 min
Delta R.T.: 0.020 min
Response: 4143802
Conc: 39.35 ug/ml



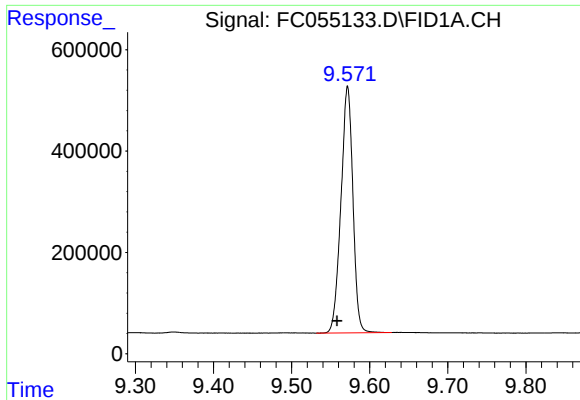
#4 n-Dodecane (C12)

R.T.: 6.196 min
Delta R.T.: 0.019 min
Response: 4974826
Conc: 45.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: 0.016 min
Response: 5169491
Conc: 46.31 ug/ml



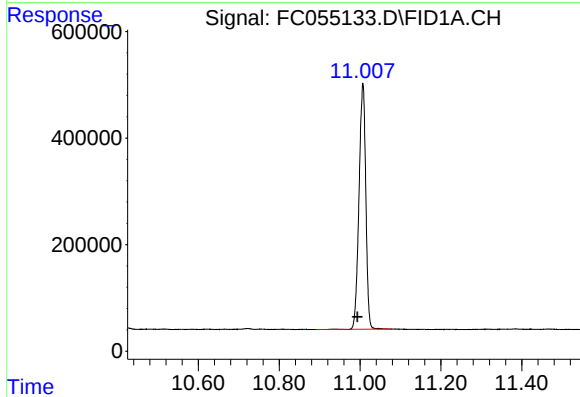
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: 0.014 min
Response: 5182945
Conc: 45.44 ug/ml

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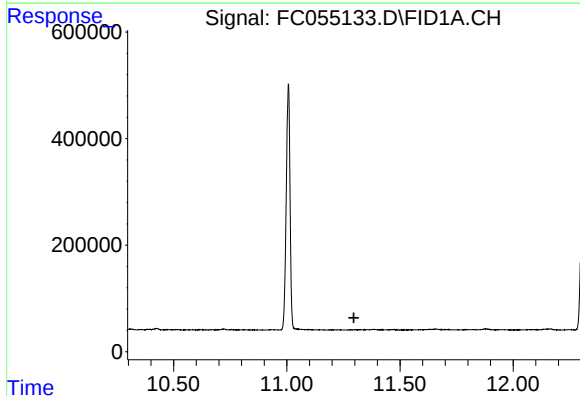
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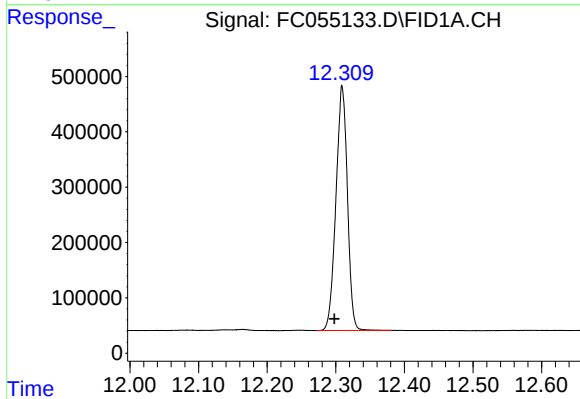
#8 n-Octadecane (C18)

R.T.: 11.007 min
Delta R.T.: 0.013 min
Response: 5369931
Conc: 45.54 ug/ml



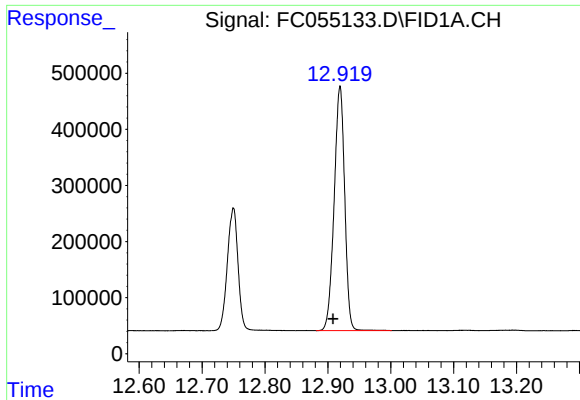
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.309 min
Delta R.T.: 0.012 min
Response: 5138164
Conc: 43.76 ug/ml



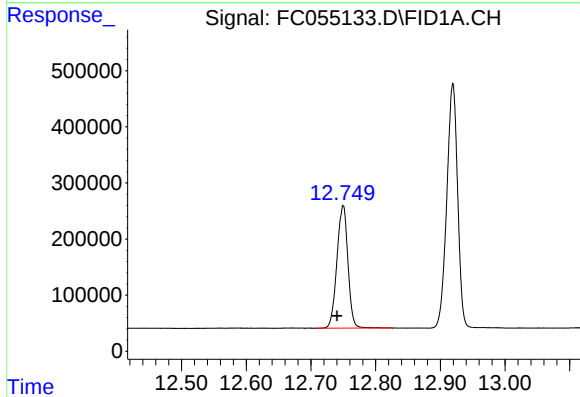
#11 n-Heneicosane (C21)

R.T.: 12.919 min
Delta R.T.: 0.011 min
Response: 5080010
Conc: 43.02 ug/ml

Instrument :
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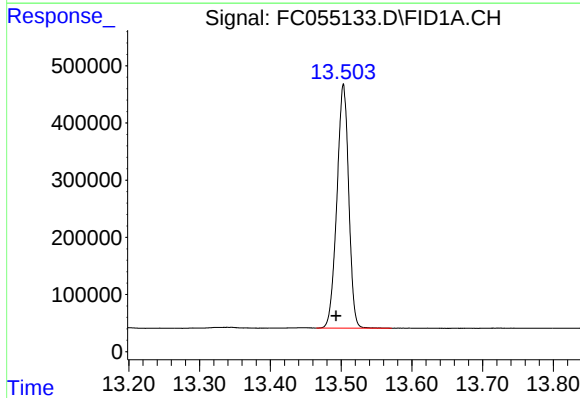
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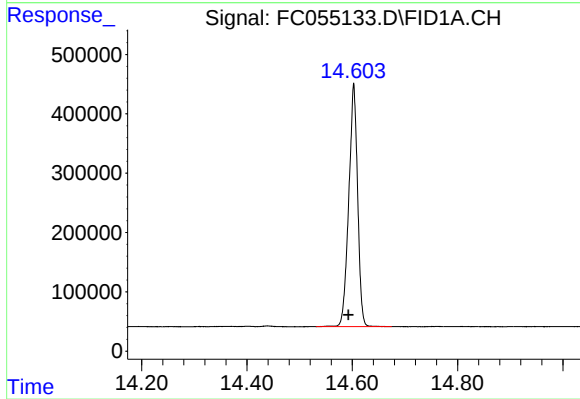
#12 1-chlorooctadecane (SURR)

R.T.: 12.749 min
Delta R.T.: 0.009 min
Response: 2576363
Conc: 26.00 ug/ml



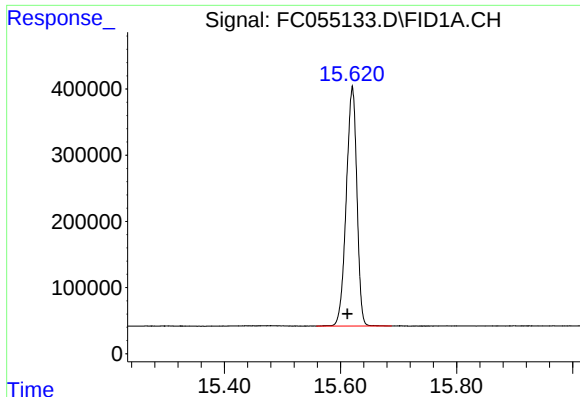
#13 n-Docosane (C22)

R.T.: 13.503 min
Delta R.T.: 0.010 min
Response: 4947256
Conc: 42.36 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.603 min
Delta R.T.: 0.010 min
Response: 4765920
Conc: 41.17 ug/ml



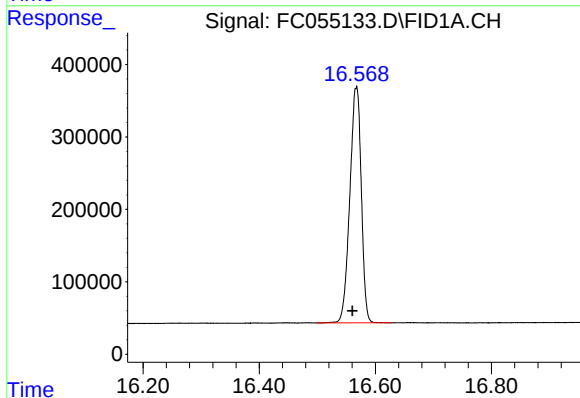
#15 n-Hexacosane (C26)

R.T.: 15.620 min
Delta R.T.: 0.009 min
Response: 4588717
Conc: 40.94 ug/ml

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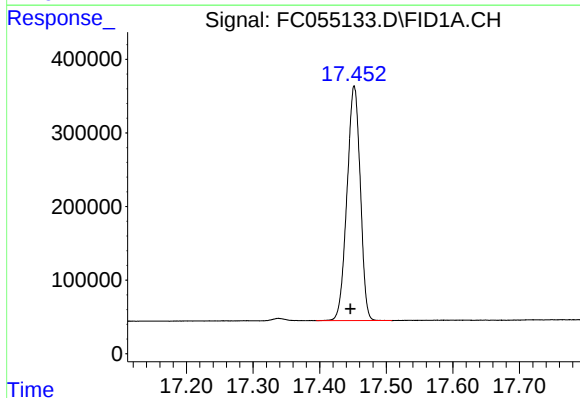
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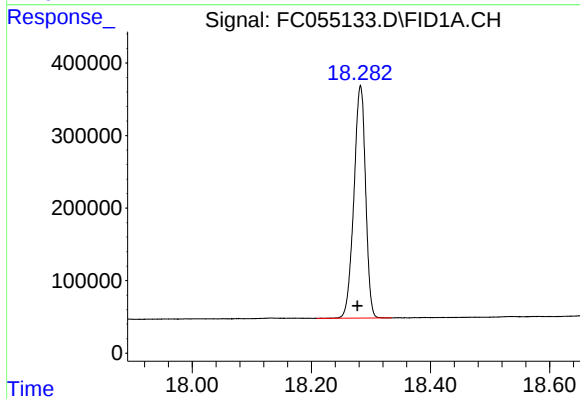
#16 n-Octacosane (C28)

R.T.: 16.567 min
Delta R.T.: 0.007 min
Response: 4463755
Conc: 41.11 ug/ml



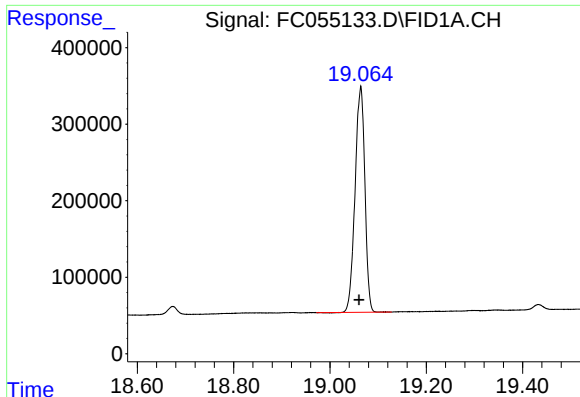
#17 n-Tricontane (C30)

R.T.: 17.452 min
Delta R.T.: 0.006 min
Response: 4417963
Conc: 42.31 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.282 min
Delta R.T.: 0.005 min
Response: 4353919
Conc: 43.96 ug/ml



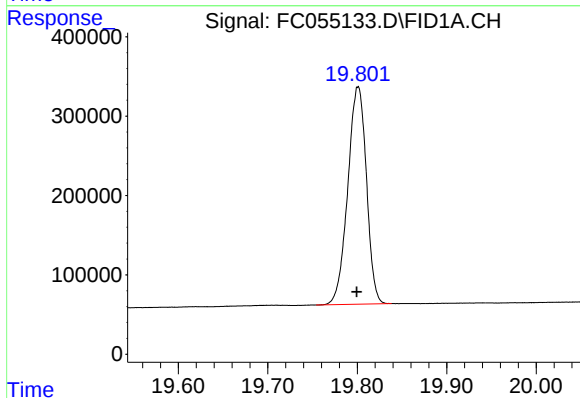
#19 n-Tetratriacontane (C34)

R.T.: 19.064 min
Delta R.T.: 0.003 min
Response: 4183457
Conc: 44.14 ug/ml

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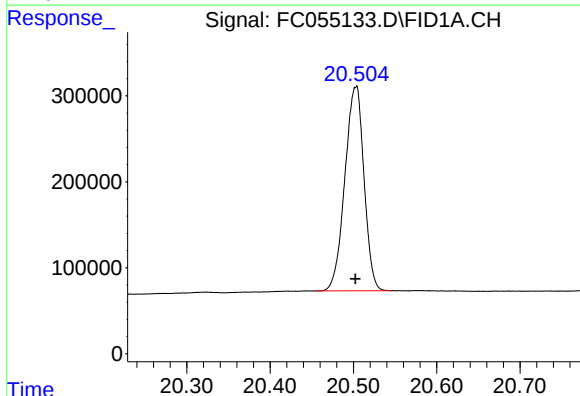
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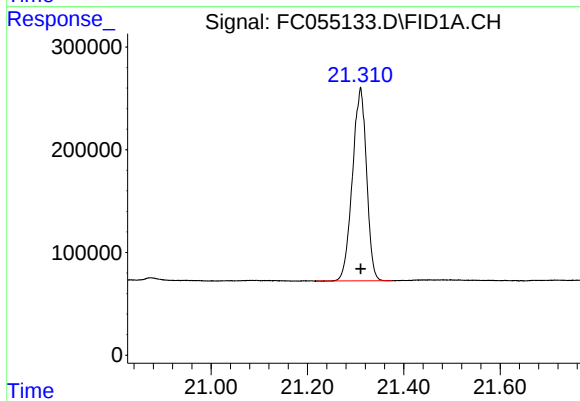
#20 n-Hexatriacontane (C36)

R.T.: 19.801 min
Delta R.T.: 0.001 min
Response: 3977445
Conc: 44.02 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.504 min
Delta R.T.: 0.002 min
Response: 3800234
Conc: 43.98 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: 0.000 min
Response: 3829847
Conc: 43.01 ug/ml