

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055132.D
 Signal(s) : FID1A.CH
 Acq On : 11 Aug 2021 17:12
 Operator : AJ\MA
 Sample : PB138326BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138326BS

Manual Integrations
 APPROVED

mohammad
 8/12/2021 12:01:29 PM

Integration File: autoint1.e
 Quant Time: Aug 12 02:11:26 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...	12.750	2566378	25.895 ug/ml
Spiked Amount 50.000		Recovery =	51.79%
Target Compounds			
1) T n-Nonane (C9)	3.143	3090163	29.552 ug/ml
2) T n-Decane (C10)	4.194	4082345	38.766 ug/ml
4) T n-Dodecane (C12)	6.196	4906793	45.186 ug/ml
6) T n-Tetradecane (C14)	7.980	5100580	45.689 ug/ml
7) T n-Hexadecane (C16)	9.573	5113532	44.835 ug/ml
8) T n-Octadecane (C18)	11.007	5319734	45.112 ug/ml
10) T n-Eicosane (C20)	12.312	5083224	43.297 ug/ml
11) T n-Heneicosane (C21)	12.921	5015343	42.476 ug/ml
13) T n-Docosane (C22)	13.505	4899566	41.950 ug/ml
14) T n-Tetracosane (C24)	14.603	4733450	40.894 ug/ml
15) T n-Hexacosane (C26)	15.622	4561837	40.705 ug/ml
16) T n-Octacosane (C28)	16.568	4413415	40.649 ug/ml
17) T n-Tricontane (C30)	17.451	4333463	41.504 ug/ml
18) T n-Dotriacontane (C32)	18.282	4252067	42.936 ug/ml
19) T n-Tetratriacontane (C34)	19.063	4109646	43.360 ug/ml
20) T n-Hexatriacontane (C36)	19.799	3917585	43.353 ug/mlm
21) T n-Octatriacontane (C38)	20.502	3770101	43.633 ug/mlm
22) T n-Tetracontane (C40)	21.307	3771394	42.349 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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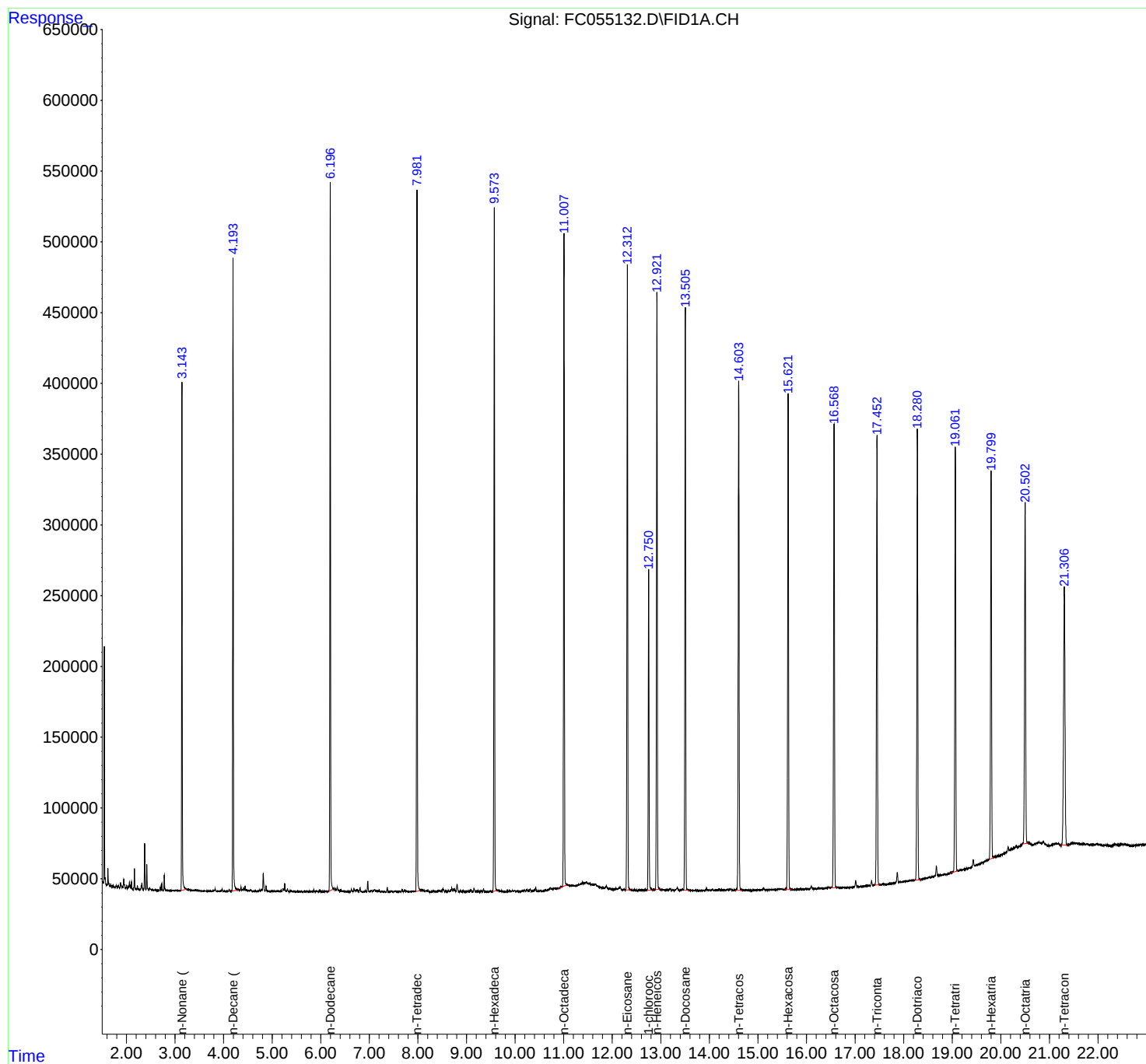
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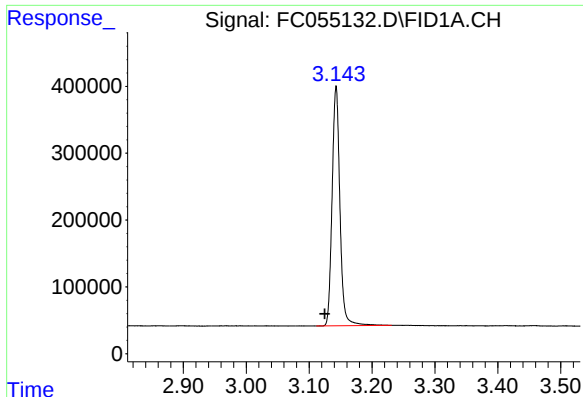
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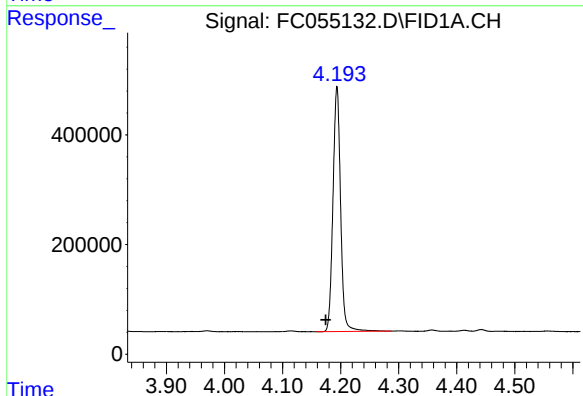
#1 n-Nonane (C9)

R.T.: 3.143 min
Delta R.T.: 0.018 min
Response: 3090163
Conc: 29.55 ug/ml

Instrument :
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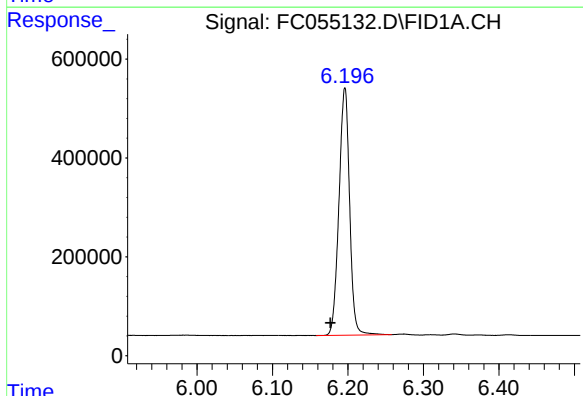
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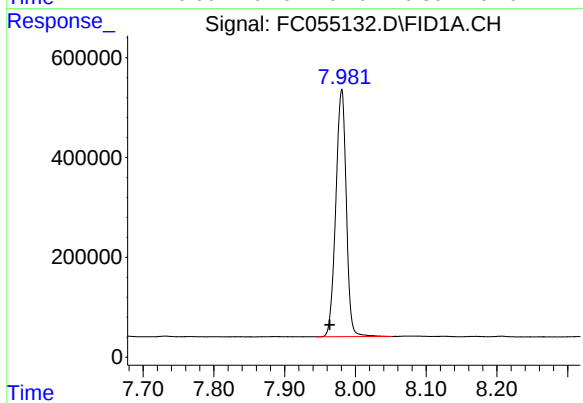
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.019 min
Response: 4082345
Conc: 38.77 ug/ml



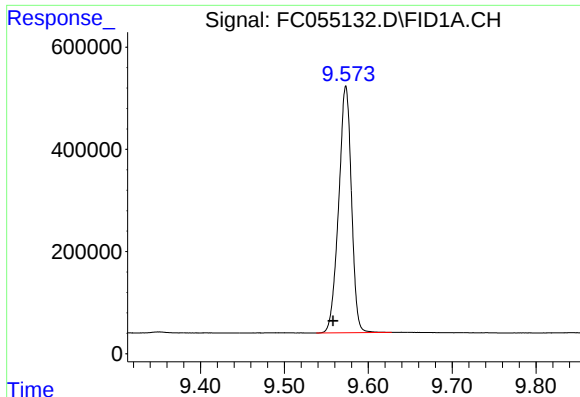
#4 n-Dodecane (C12)

R.T.: 6.196 min
Delta R.T.: 0.019 min
Response: 4906793
Conc: 45.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.980 min
Delta R.T.: 0.017 min
Response: 5100580
Conc: 45.69 ug/ml



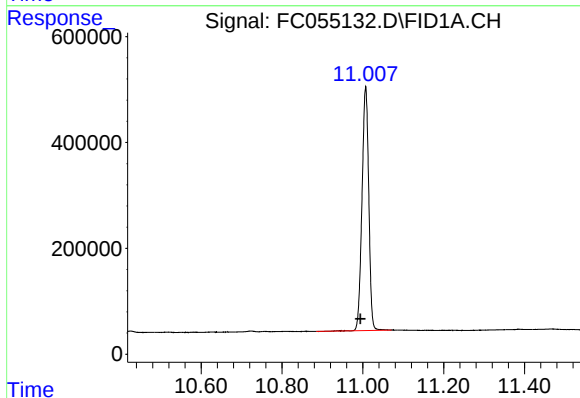
#7 n-Hexadecane (C16)

R.T.: 9.573 min
Delta R.T.: 0.015 min
Response: 5113532
Conc: 44.83 ug/ml

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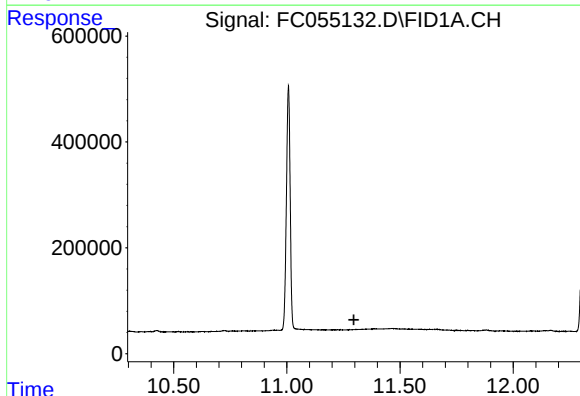
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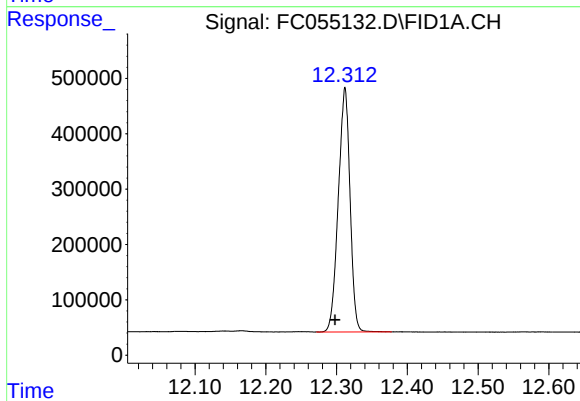
#8 n-Octadecane (C18)

R.T.: 11.007 min
Delta R.T.: 0.013 min
Response: 5319734
Conc: 45.11 ug/ml



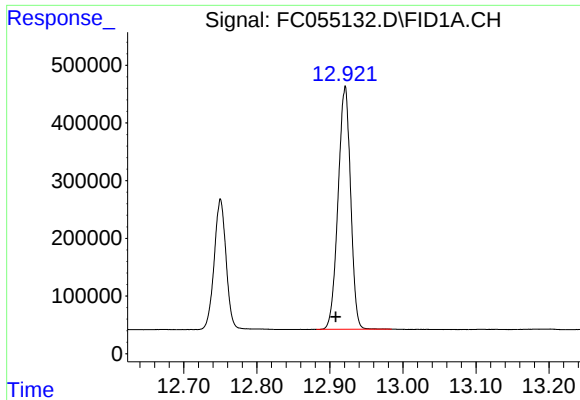
#9 ortho-Terphenyl (SURR)

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: 5083224
Conc: 43.30 ug/ml



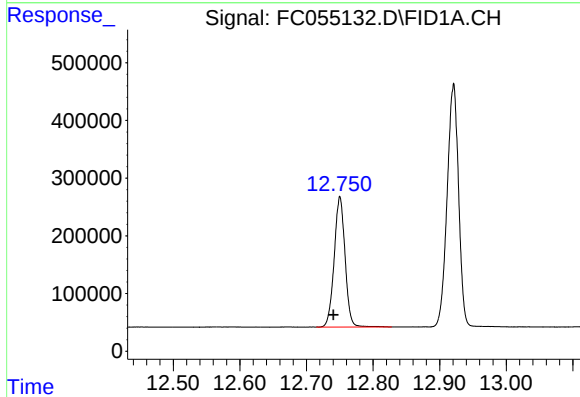
#11 n-Heneicosane (C21)

R.T.: 12.921 min
Delta R.T.: 0.012 min
Response: 5015343
Conc: 42.48 ug/ml

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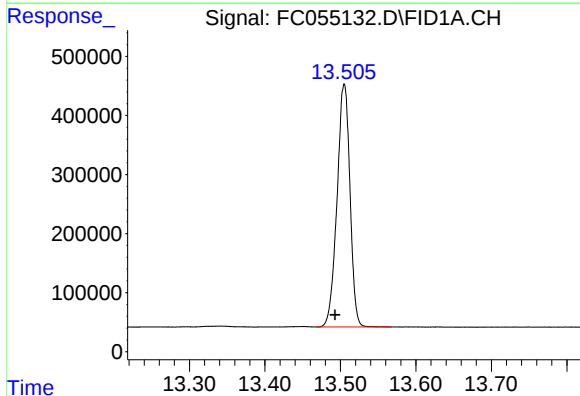
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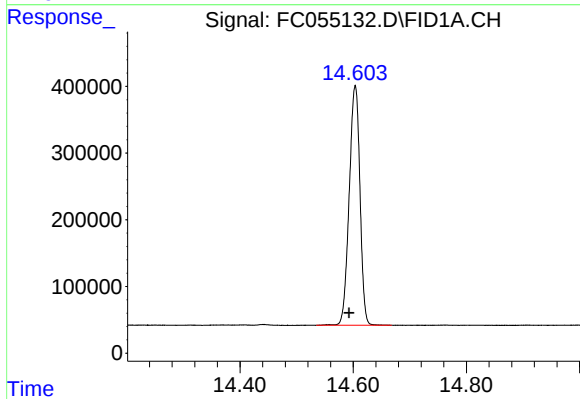
#12 1-chlorooctadecane (SURR)

R.T.: 12.750 min
Delta R.T.: 0.009 min
Response: 2566378
Conc: 25.90 ug/ml



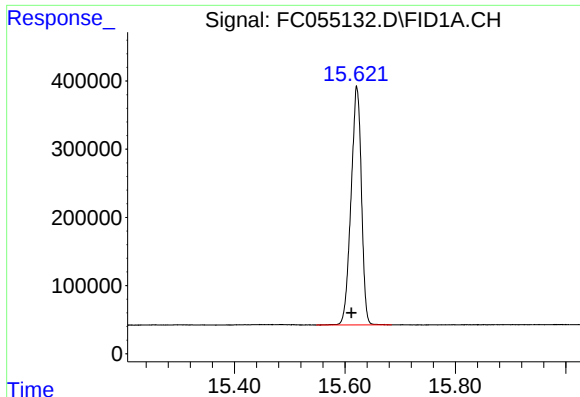
#13 n-Docosane (C22)

R.T.: 13.505 min
Delta R.T.: 0.012 min
Response: 4899566
Conc: 41.95 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.603 min
Delta R.T.: 0.011 min
Response: 4733450
Conc: 40.89 ug/ml



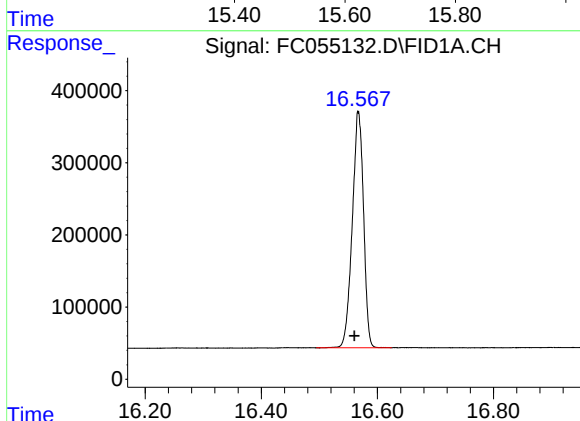
#15 n-Hexacosane (C26)

R.T.: 15.622 min
Delta R.T.: 0.010 min
Response: 4561837
Conc: 40.70 ug/ml

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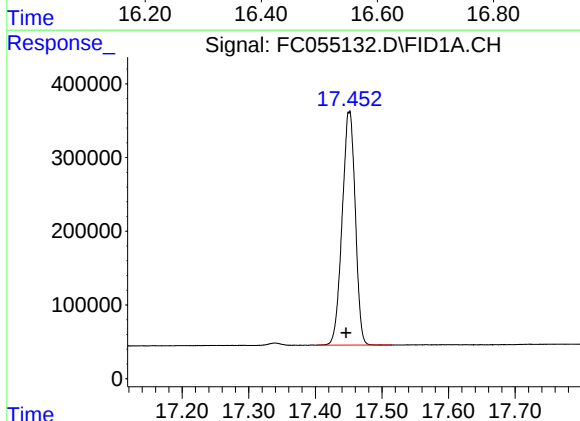
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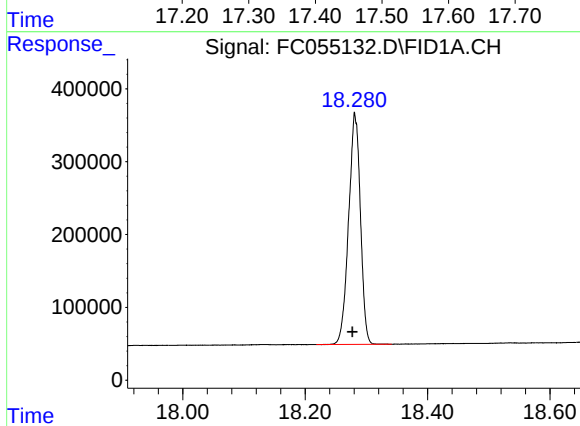
#16 n-Octacosane (C28)

R.T.: 16.568 min
Delta R.T.: 0.007 min
Response: 4413415
Conc: 40.65 ug/ml



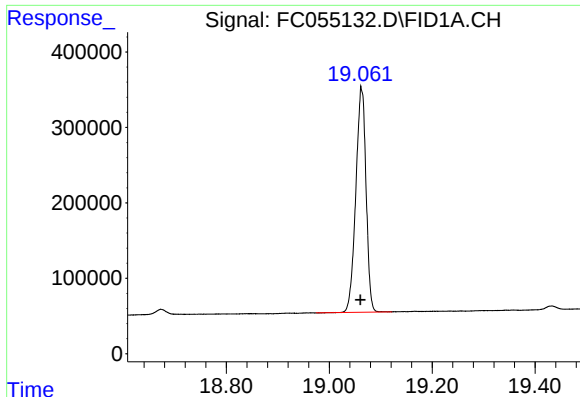
#17 n-Tricontane (C30)

R.T.: 17.451 min
Delta R.T.: 0.005 min
Response: 4333463
Conc: 41.50 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.282 min
Delta R.T.: 0.004 min
Response: 4252067
Conc: 42.94 ug/ml



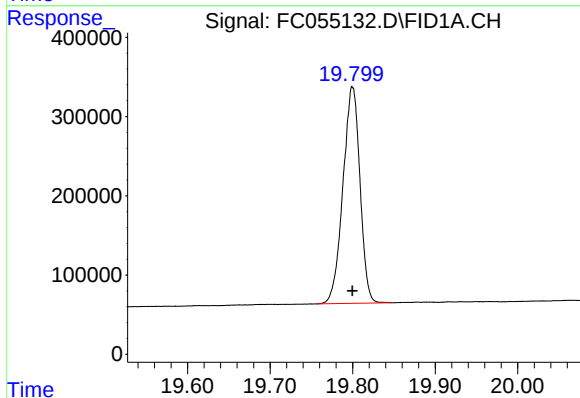
#19 n-Tetratriacontane (C34)

R.T.: 19.063 min
Delta R.T.: 0.002 min
Response: 4109646
Conc: 43.36 ug/ml

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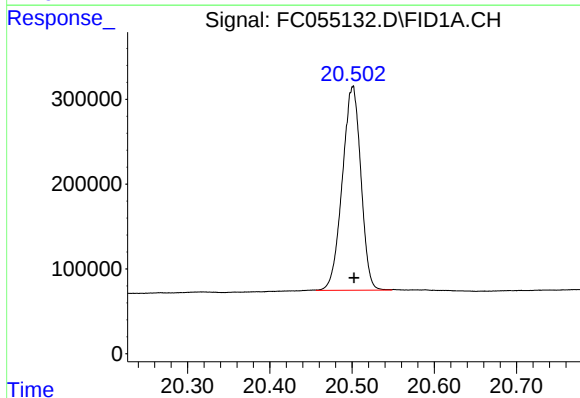
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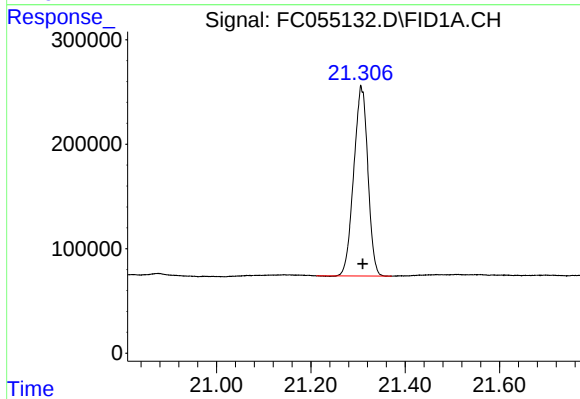
#20 n-Hexatriacontane (C36)

R.T.: 19.799 min
Delta R.T.: 0.000 min
Response: 3917585
Conc: 43.35 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.502 min
Delta R.T.: -0.001 min
Response: 3770101
Conc: 43.63 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.307 min
Delta R.T.: -0.003 min
Response: 3771394
Conc: 42.35 ug/ml