

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092719AL\
 Data File : FC043699.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2019 5:25
 Operator : DD\AJ
 Sample : FCS CHECK SOL 2
 Misc : LOT#M00793
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 2

Manual Integrations
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 9/30/2019 3:02:07 PM

Integration File: autoint1.e
 Quant Time: Sep 28 06:32:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 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...	13.004	5064686	42.718 ug/ml
Spiked Amount 50.000		Recovery =	85.44%
Target Compounds			
1) T n-Nonane (C9)	3.431	5712868	47.251 ug/ml
2) T n-Decane (C10)	4.485	5844416	48.285 ug/ml
4) T n-Dodecane (C12)	6.477	6081160	48.080 ug/ml
6) T n-Tetradecane (C14)	8.251	6253310	48.581 ug/ml
7) T n-Hexadecane (C16)	9.836	6301449	47.857 ug/ml
8) T n-Octadecane (C18)	11.263	6356962	46.608 ug/ml
10) T n-Eicosane (C20)	12.562	6252009	44.793 ug/ml
11) T n-Heneicosane (C21)	13.169	6249393	43.974 ug/ml
13) T n-Docosane (C22)	13.751	6164208	43.383 ug/ml
14) T n-Tetracosane (C24)	14.845	5991137	41.733 ug/ml
15) T n-Hexacosane (C26)	15.859	5737941	40.126 ug/ml
16) T n-Octacosane (C28)	16.803	5504952	38.834 ug/ml
17) T n-Tricontane (C30)	17.684	5345396	38.114 ug/ml
18) T n-Dotriacontane (C32)	18.512	5025916	37.836 ug/ml
19) T n-Tetratriacontane (C34)	19.291	4843076	38.762 ug/ml
20) T n-Hexatriacontane (C36)	20.028	4700470	40.667 ug/mlm
21) T n-Octatriacontane (C38)	20.750	4500090	42.281 ug/ml
22) T n-Tetracontane (C40)	21.634	4661618	44.584 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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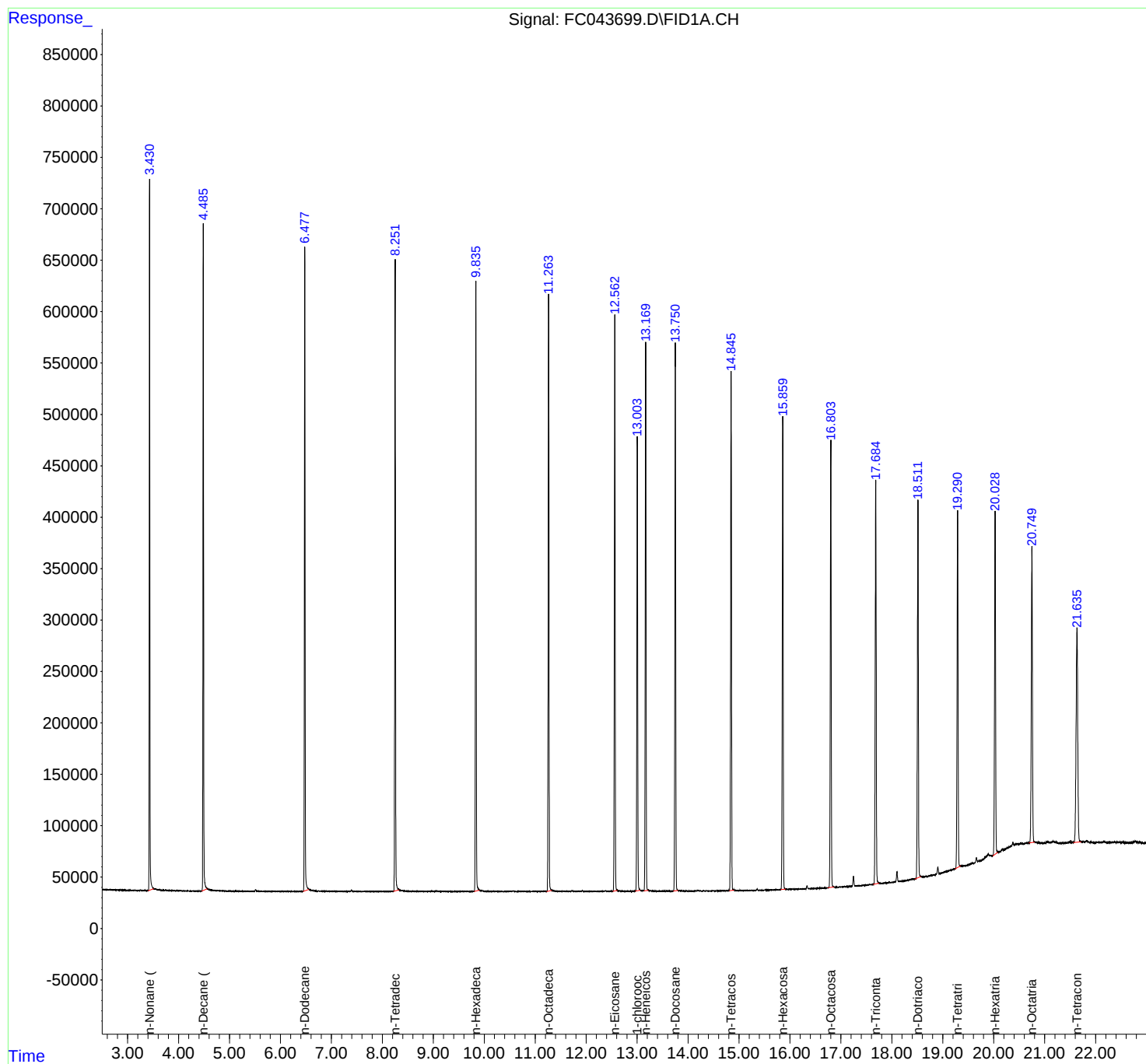
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FCS CHECK SOL 2

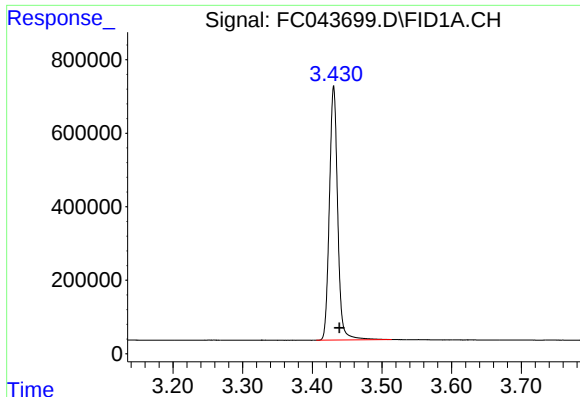
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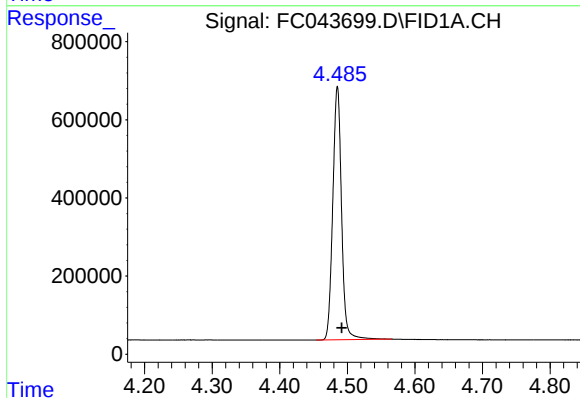
#1 n-Nonane (C9)

R.T.: 3.431 min
Delta R.T.: -0.008 min
Response: 5712868
Conc: 47.25 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2

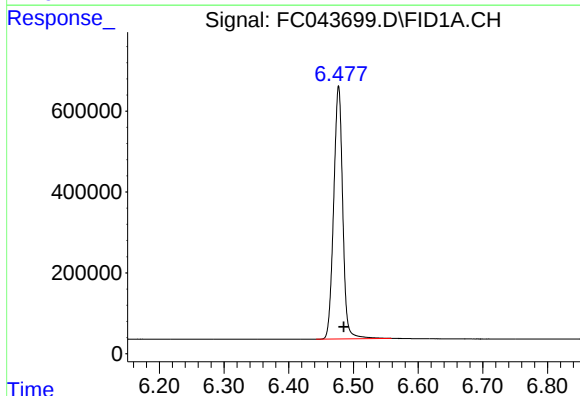
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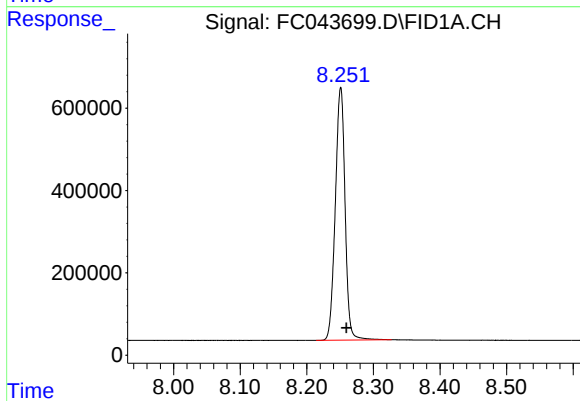
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.006 min
Response: 5844416
Conc: 48.29 ug/ml



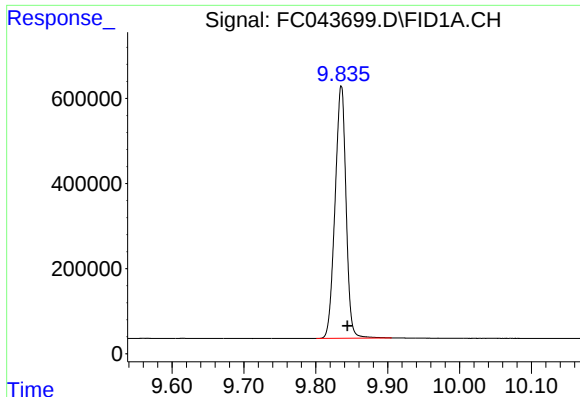
#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 6081160
Conc: 48.08 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.009 min
Response: 6253310
Conc: 48.58 ug/ml



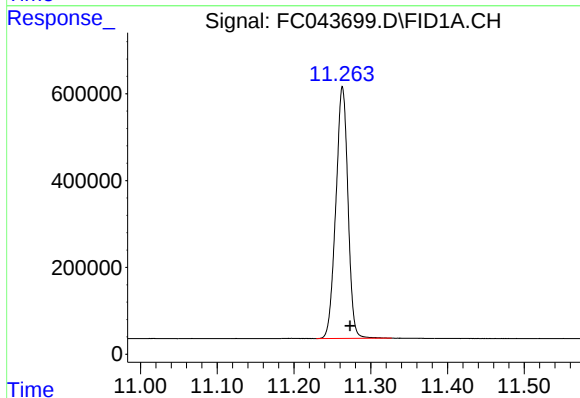
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: -0.008 min
Response: 6301449
Conc: 47.86 ug/ml

Instrument :
FID_C
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FCS CHECK SOL 2

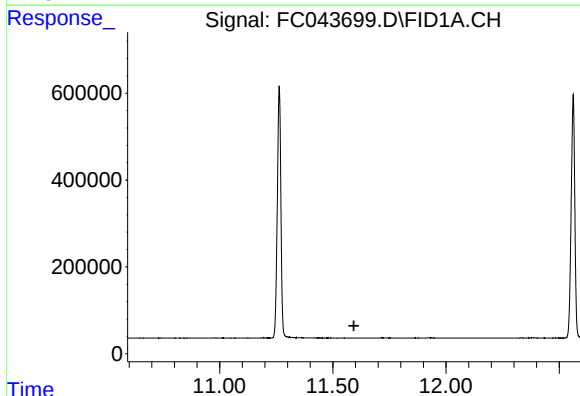
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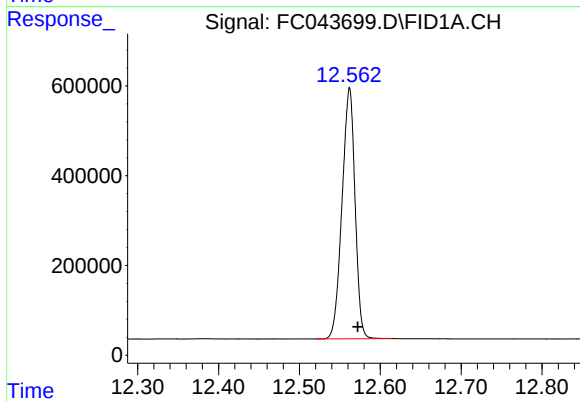
#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: -0.010 min
Response: 6356962
Conc: 46.61 ug/ml



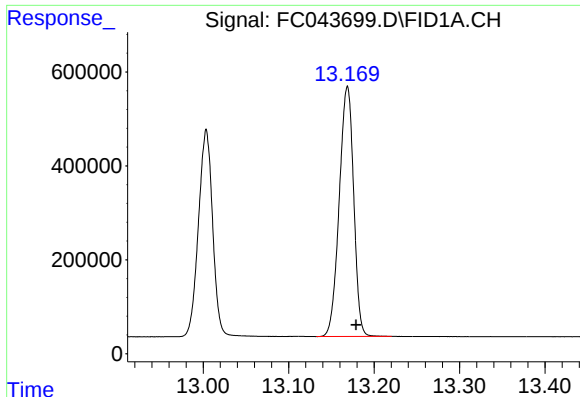
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.593 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: -0.010 min
Response: 6252009
Conc: 44.79 ug/ml



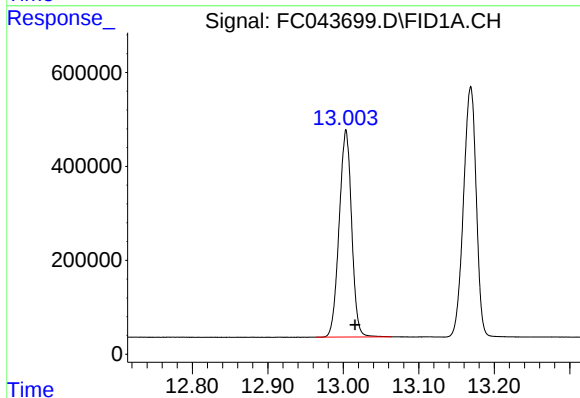
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.010 min
Response: 6249393
Conc: 43.97 ug/ml

Instrument :
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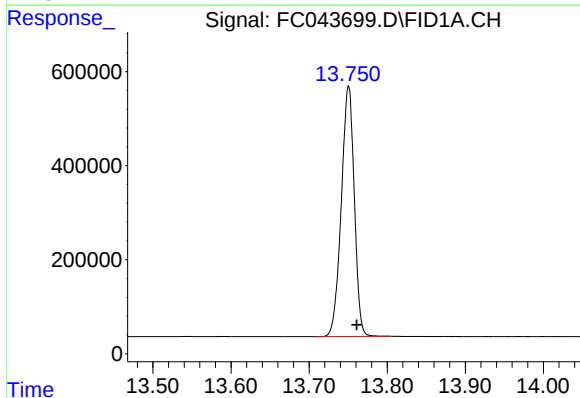
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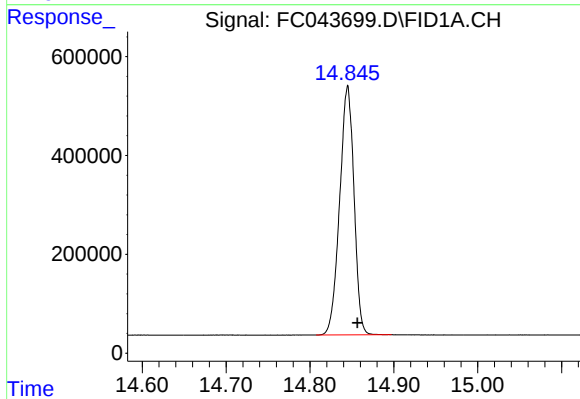
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.012 min
Response: 5064686
Conc: 42.72 ug/ml



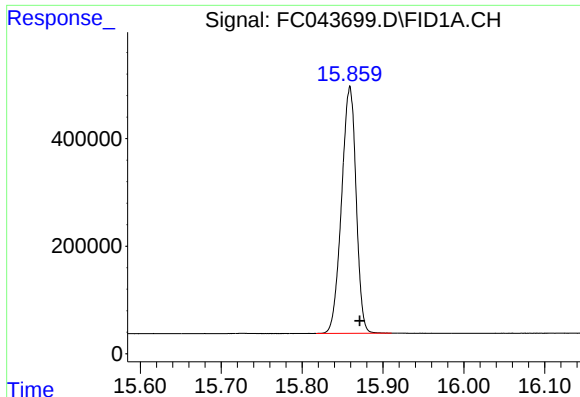
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.011 min
Response: 6164208
Conc: 43.38 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.012 min
Response: 5991137
Conc: 41.73 ug/ml



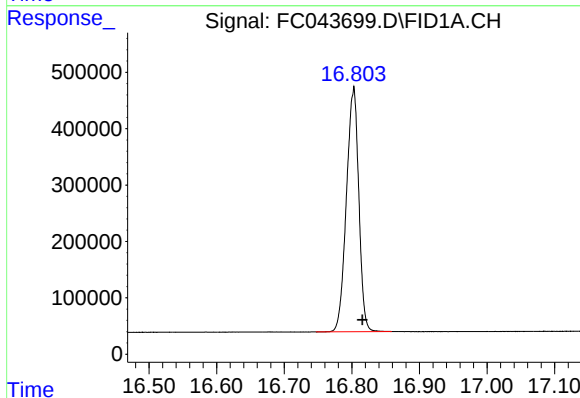
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: -0.012 min
Response: 5737941
Conc: 40.13 ug/ml

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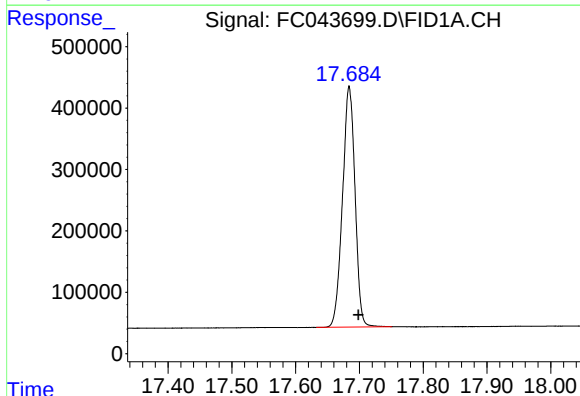
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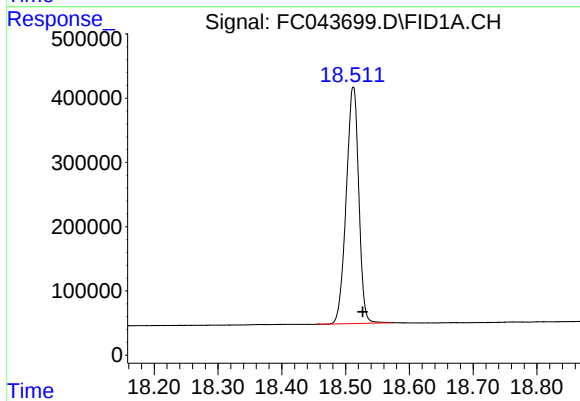
#16 n-Octacosane (C28)

R.T.: 16.803 min
Delta R.T.: -0.013 min
Response: 5504952
Conc: 38.83 ug/ml



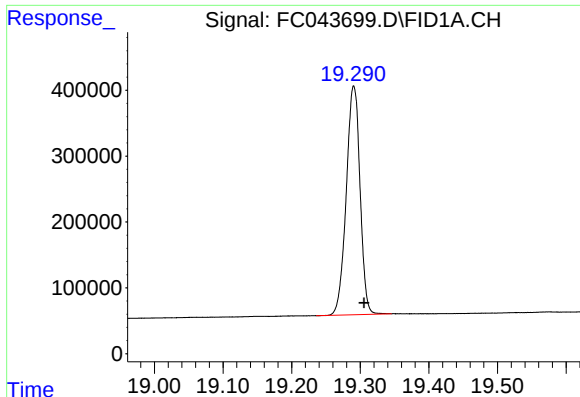
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.015 min
Response: 5345396
Conc: 38.11 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.512 min
Delta R.T.: -0.015 min
Response: 5025916
Conc: 37.84 ug/ml



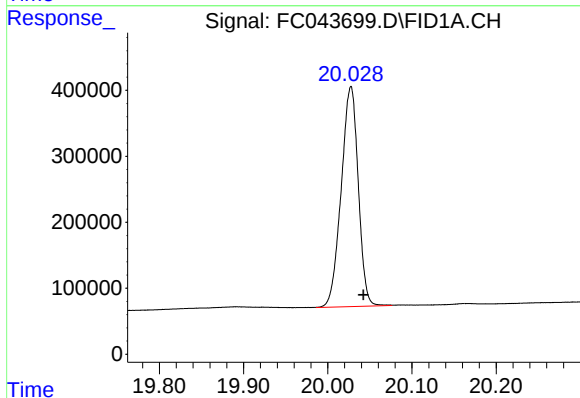
#19 n-Tetratriacontane (C34)

R.T.: 19.291 min
Delta R.T.: -0.015 min
Response: 4843076
Conc: 38.76 ug/ml

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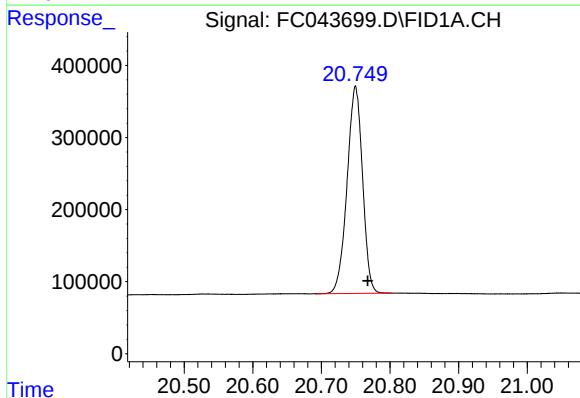
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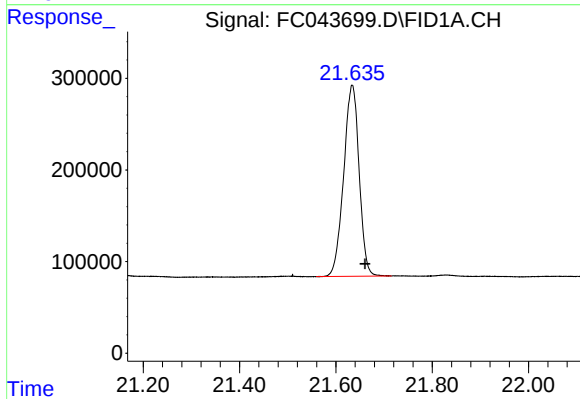
#20 n-Hexatriacontane (C36)

R.T.: 20.028 min
Delta R.T.: -0.015 min
Response: 4700470
Conc: 40.67 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.018 min
Response: 4500090
Conc: 42.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.634 min
Delta R.T.: -0.026 min
Response: 4661618
Conc: 44.58 ug/ml