

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092719AL\
 Data File : FC043698.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2019 4:49
 Operator : DD\AJ
 Sample : FCS CHECK SOL 1
 Misc : LOT#M00793
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 1

Manual Integrations
 APPROVED

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 9/30/2019 3:02:05 PM

Integration File: autoint1.e
 Quant Time: Sep 28 06:25:15 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	4548804	38.367 ug/ml
Spiked Amount 50.000		Recovery =	76.73%
Target Compounds			
1) T n-Nonane (C9)	3.431	5309690	43.917 ug/ml
2) T n-Decane (C10)	4.485	5451861	45.042 ug/ml
4) T n-Dodecane (C12)	6.477	5675312	44.871 ug/ml
6) T n-Tetradecane (C14)	8.251	5804056	45.090 ug/ml
7) T n-Hexadecane (C16)	9.835	5804672	44.085 ug/ml
8) T n-Octadecane (C18)	11.263	5801760	42.537 ug/ml
10) T n-Eicosane (C20)	12.561	5667022	40.602 ug/ml
11) T n-Heneicosane (C21)	13.168	5631857	39.629 ug/ml
13) T n-Docosane (C22)	13.750	5536568	38.966 ug/ml
14) T n-Tetracosane (C24)	14.844	5341616	37.208 ug/ml
15) T n-Hexacosane (C26)	15.860	5090616	35.599 ug/ml
16) T n-Octacosane (C28)	16.802	4875136	34.391 ug/ml
17) T n-Tricontane (C30)	17.684	4737284	33.778 ug/ml
18) T n-Dotriacontane (C32)	18.512	4501339	33.887 ug/ml
19) T n-Tetratriacontane (C34)	19.291	4392481	35.156 ug/ml
20) T n-Hexatriacontane (C36)	20.026	4291619	37.130 ug/mlm
21) T n-Octatriacontane (C38)	20.749	4145462	38.949 ug/ml
22) T n-Tetracontane (C40)	21.633	4257670	40.721 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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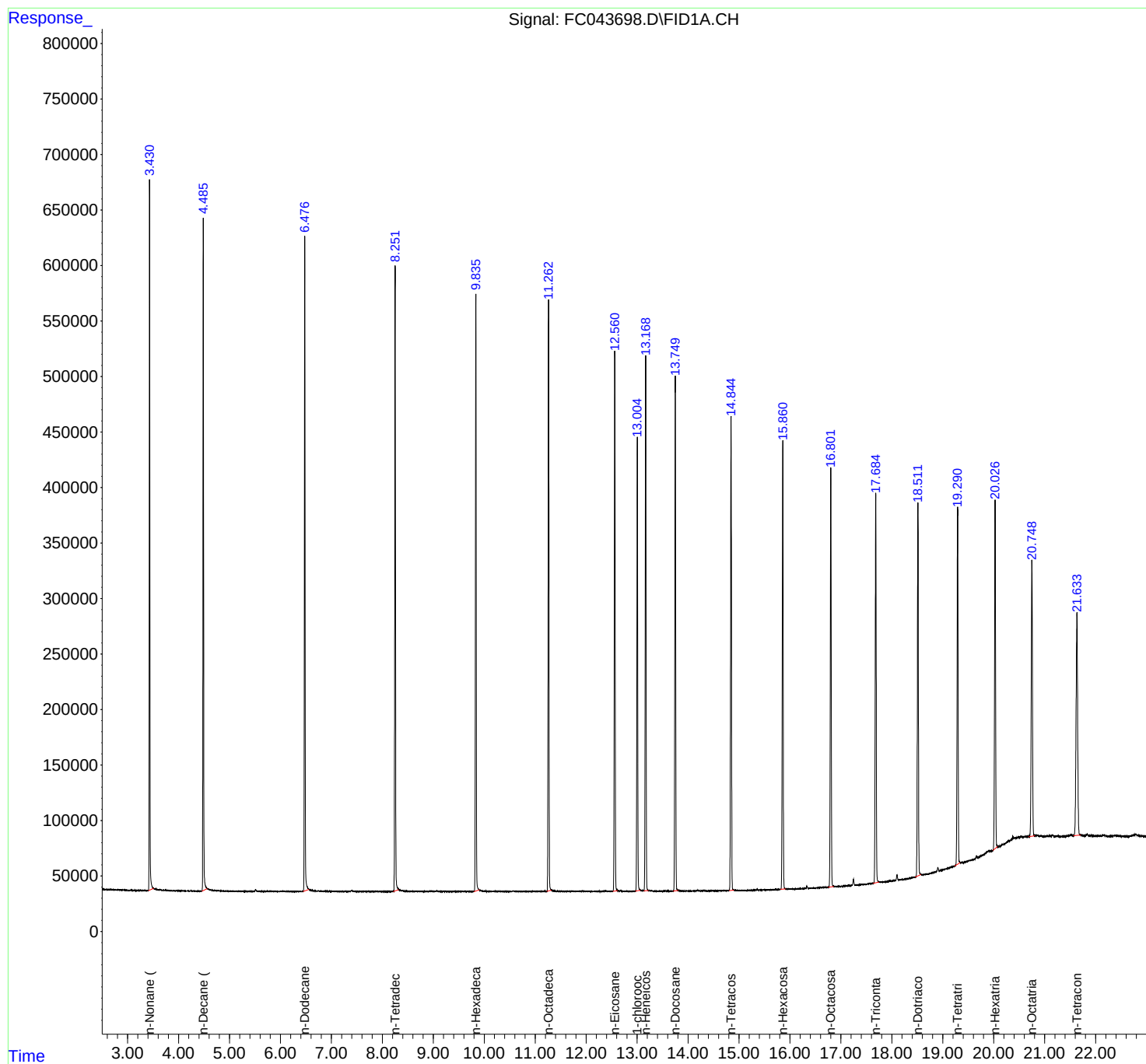
Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 1

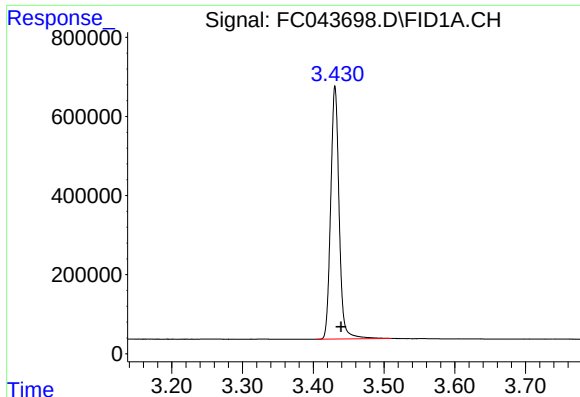
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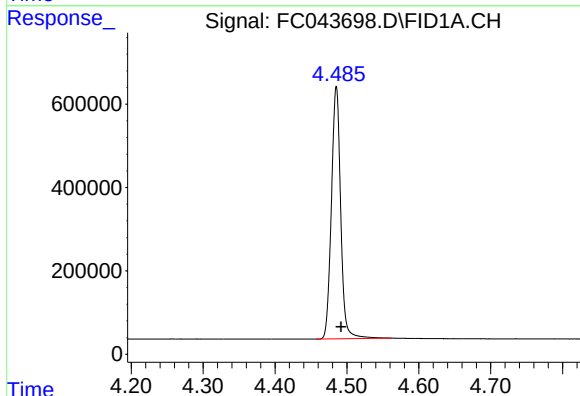
#1 n-Nonane (C9)

R.T.: 3.431 min
Delta R.T.: -0.008 min
Response: 5309690
Conc: 43.92 ug/ml

Instrument :
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FCS CHECK SOL 1

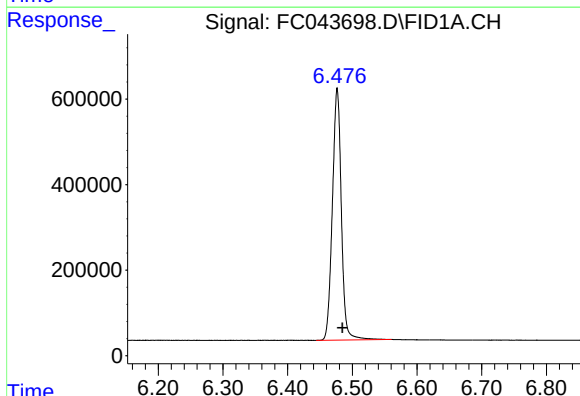
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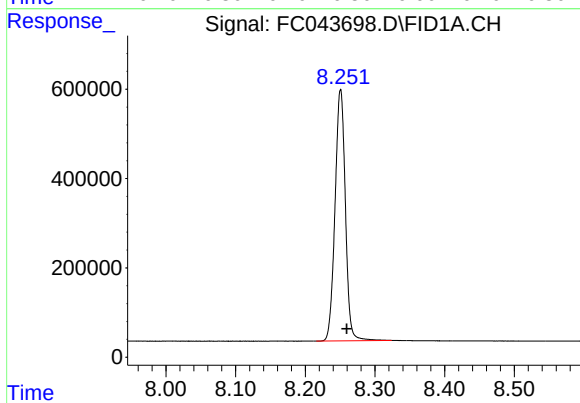
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.006 min
Response: 5451861
Conc: 45.04 ug/ml



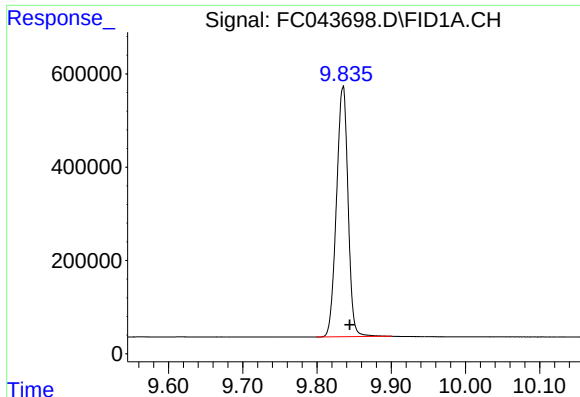
#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 5675312
Conc: 44.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.009 min
Response: 5804056
Conc: 45.09 ug/ml



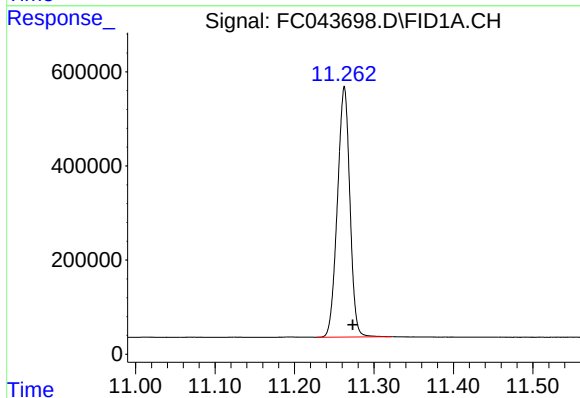
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.009 min
Response: 5804672
Conc: 44.08 ug/ml

Instrument :
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FCS CHECK SOL 1

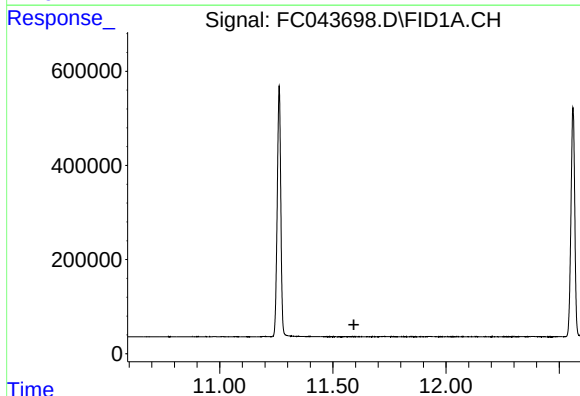
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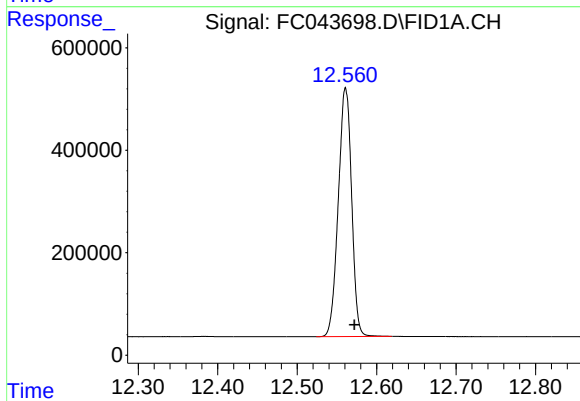
#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: -0.010 min
Response: 5801760
Conc: 42.54 ug/ml



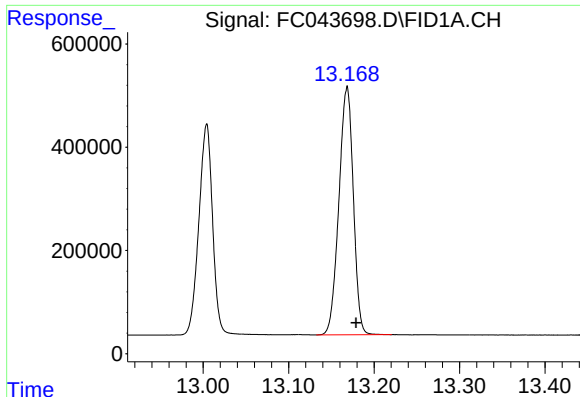
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.011 min
Response: 5667022
Conc: 40.60 ug/ml



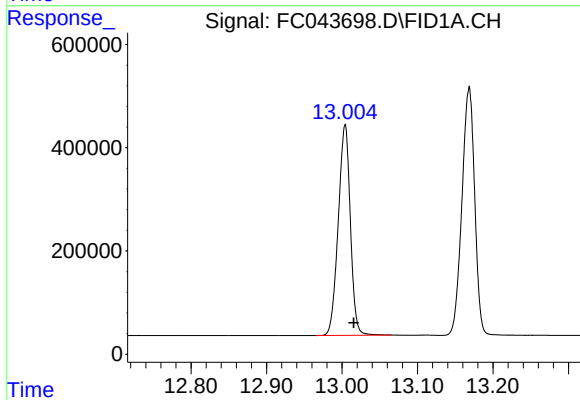
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.010 min
Response: 5631857
Conc: 39.63 ug/ml

Instrument :
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FCS CHECK SOL 1

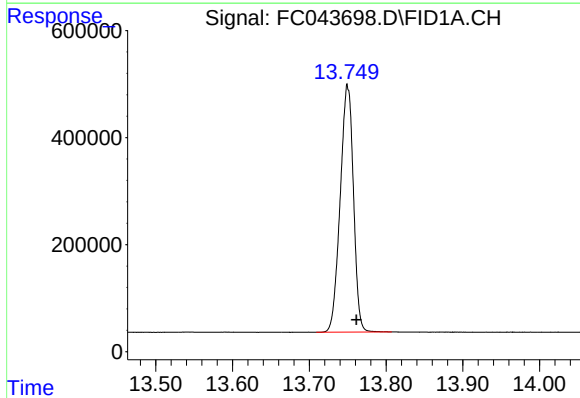
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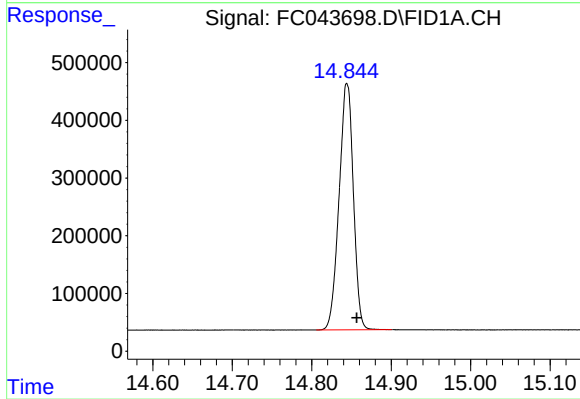
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.011 min
Response: 4548804
Conc: 38.37 ug/ml



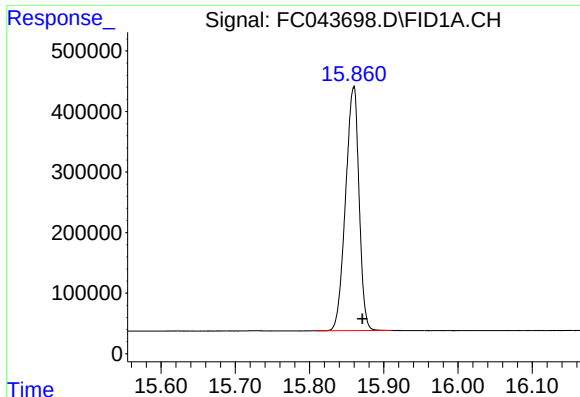
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.011 min
Response: 5536568
Conc: 38.97 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.012 min
Response: 5341616
Conc: 37.21 ug/ml



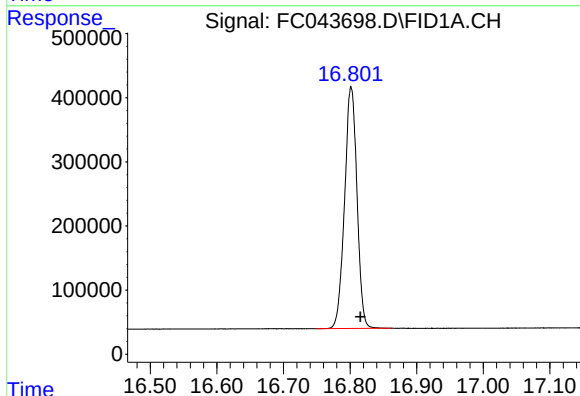
#15 n-Hexacosane (C26)

R.T.: 15.860 min
Delta R.T.: -0.012 min
Response: 5090616
Conc: 35.60 ug/ml

Instrument :
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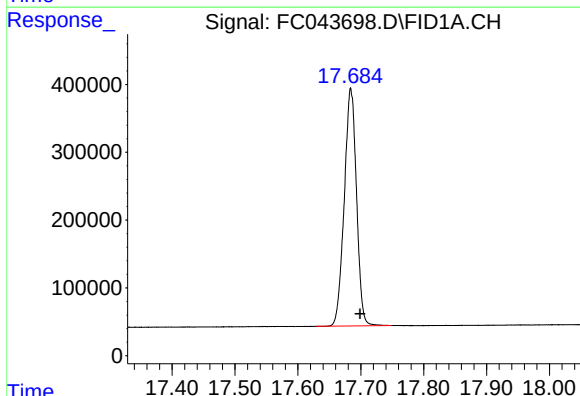
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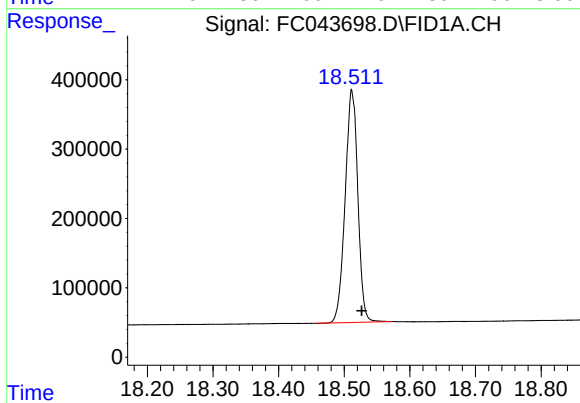
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.014 min
Response: 4875136
Conc: 34.39 ug/ml



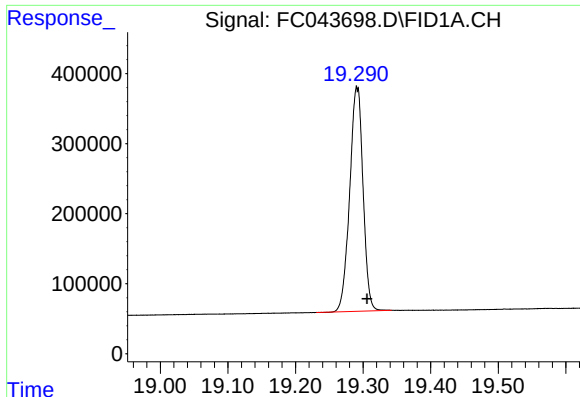
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.015 min
Response: 4737284
Conc: 33.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.512 min
Delta R.T.: -0.015 min
Response: 4501339
Conc: 33.89 ug/ml



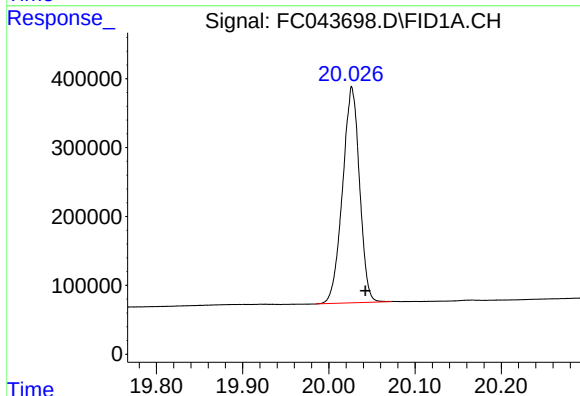
#19 n-Tetratriacontane (C34)

R.T.: 19.291 min
Delta R.T.: -0.015 min
Response: 4392481
Conc: 35.16 ug/ml

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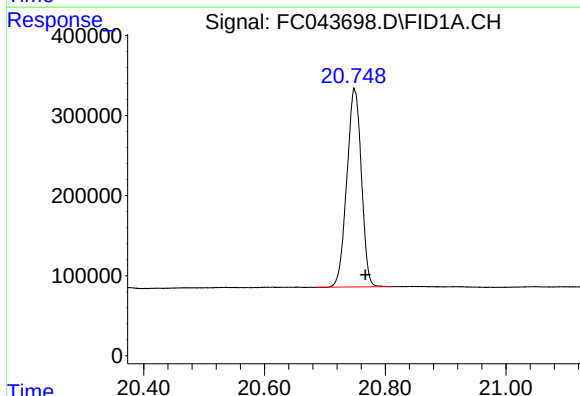
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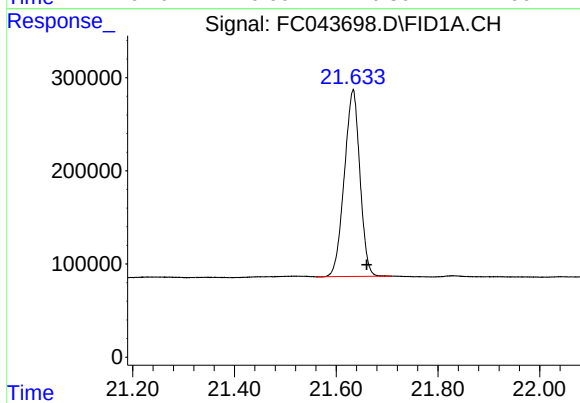
#20 n-Hexatriacontane (C36)

R.T.: 20.026 min
Delta R.T.: -0.017 min
Response: 4291619
Conc: 37.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.019 min
Response: 4145462
Conc: 38.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: -0.027 min
Response: 4257670
Conc: 40.72 ug/ml