

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092719AL\
 Data File : FC043701.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2019 6:37
 Operator : DD\AJ
 Sample : FCS CHECK SOL 4
 Misc : LOT#M00793
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 4

Manual Integrations
 APPROVED

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 9/30/2019 3:02:10 PM

Integration File: autoint1.e
 Quant Time: Sep 30 00:29:16 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...	13.003	5327393	44.934 ug/ml
Spiked Amount 50.000		Recovery =	89.87%
Target Compounds			
1) T n-Nonane (C9)	3.431	6098997	50.445 ug/ml
2) T n-Decane (C10)	4.486	6255803	51.684 ug/ml
4) T n-Dodecane (C12)	6.478	6521682	51.563 ug/ml
6) T n-Tetradecane (C14)	8.251	6695132	52.013 ug/ml
7) T n-Hexadecane (C16)	9.835	6729560	51.109 ug/ml
8) T n-Octadecane (C18)	11.264	6735365	49.382 ug/ml
10) T n-Eicosane (C20)	12.562	6601898	47.300 ug/ml
11) T n-Heneicosane (C21)	13.169	6570218	46.232 ug/ml
13) T n-Docosane (C22)	13.750	6469524	45.532 ug/ml
14) T n-Tetracosane (C24)	14.845	6274886	43.709 ug/ml
15) T n-Hexacosane (C26)	15.859	6013917	42.056 ug/ml
16) T n-Octacosane (C28)	16.802	5759974	40.633 ug/ml
17) T n-Tricontane (C30)	17.685	5599198	39.924 ug/ml
18) T n-Dotriacontane (C32)	18.511	5277044	39.726 ug/ml
19) T n-Tetratriacontane (C34)	19.292	5107213	40.876 ug/ml
20) T n-Hexatriacontane (C36)	20.026	4959589	42.909 ug/mlm
21) T n-Octatriacontane (C38)	20.749	4784550	44.954 ug/ml
22) T n-Tetracontane (C40)	21.633	4946305	47.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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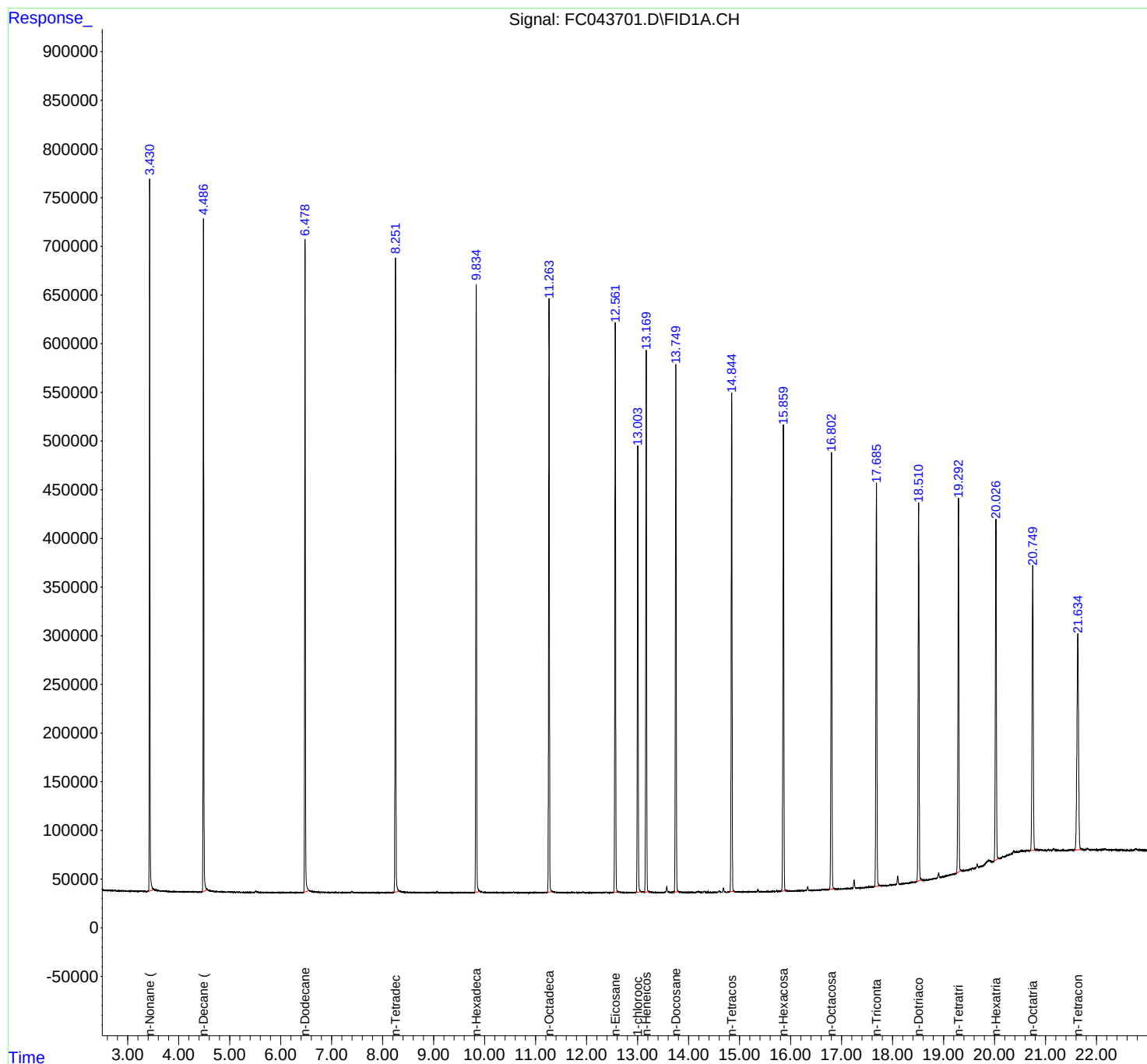
Instrument :
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FCS CHECK SOL 4

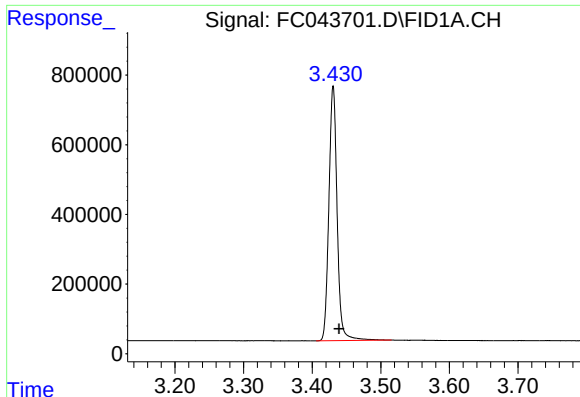
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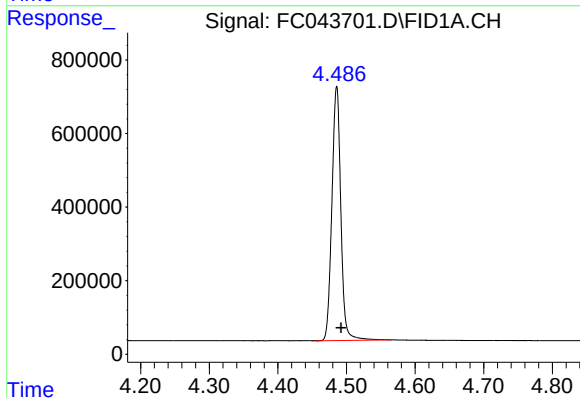
#1 n-Nonane (C9)

R.T.: 3.431 min
Delta R.T.: -0.008 min
Response: 6098997
Conc: 50.44 ug/ml

Instrument :
FID_C
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FCS CHECK SOL 4

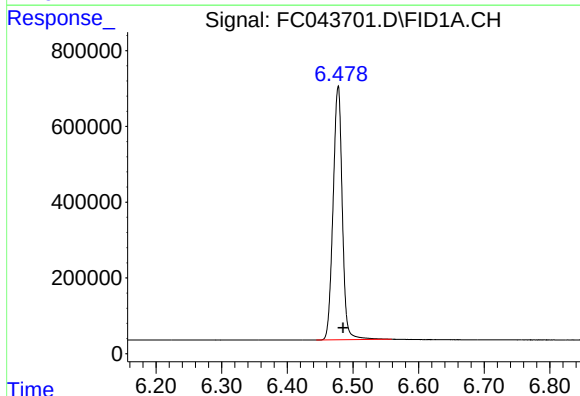
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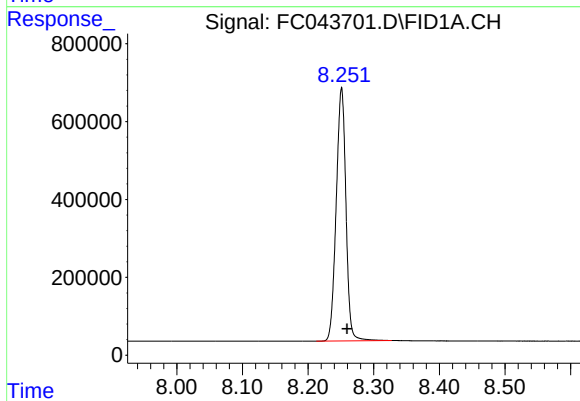
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.006 min
Response: 6255803
Conc: 51.68 ug/ml



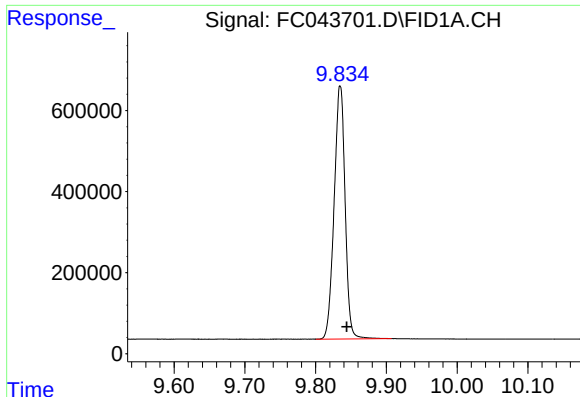
#4 n-Dodecane (C12)

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 6521682
Conc: 51.56 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.008 min
Response: 6695132
Conc: 52.01 ug/ml



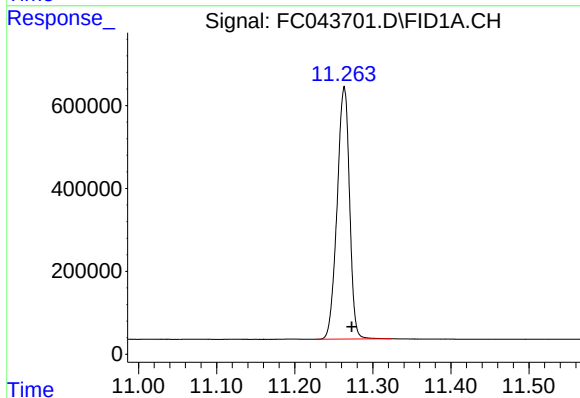
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.009 min
Response: 6729560
Conc: 51.11 ug/ml

Instrument :
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FCS CHECK SOL 4

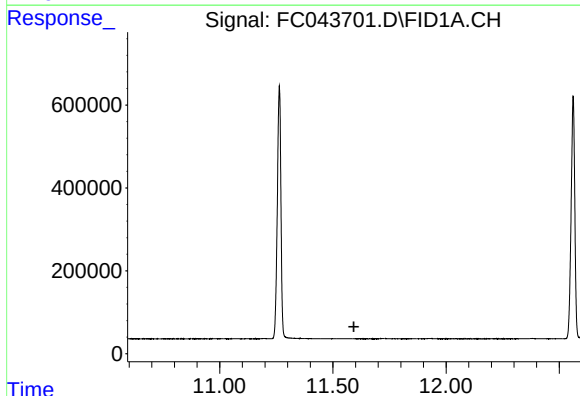
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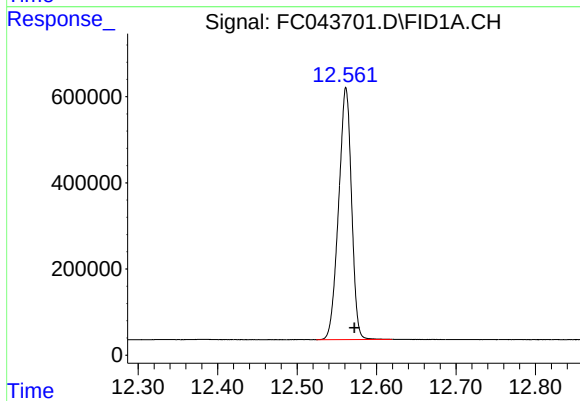
#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: -0.010 min
Response: 6735365
Conc: 49.38 ug/ml



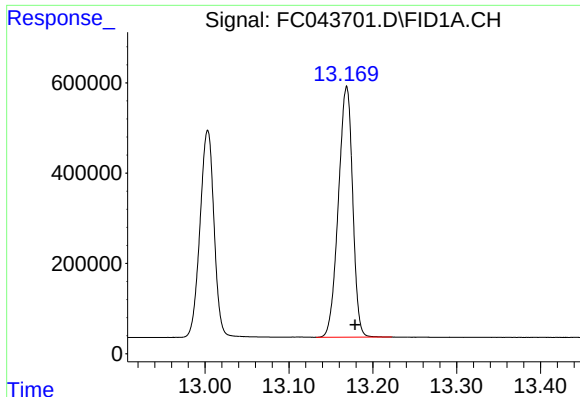
#9 ortho-Terphenyl (SURR)

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.: -0.011 min
Response: 6601898
Conc: 47.30 ug/ml



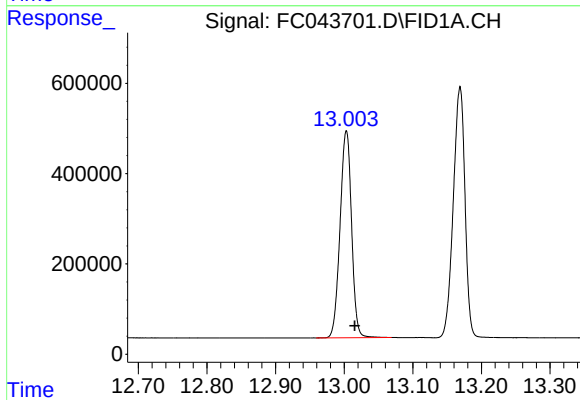
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.010 min
Response: 6570218
Conc: 46.23 ug/ml

Instrument :
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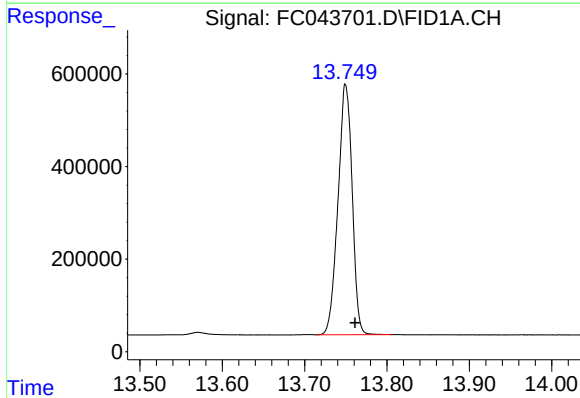
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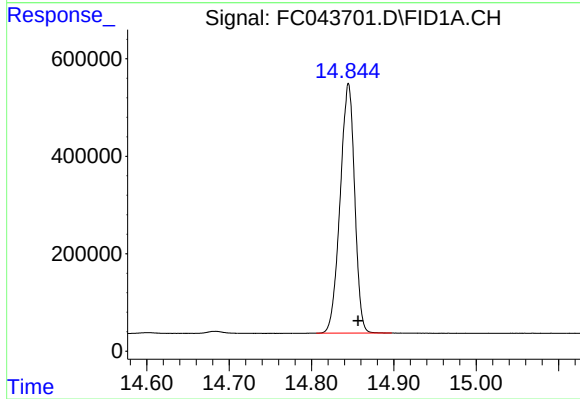
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.012 min
Response: 5327393
Conc: 44.93 ug/ml



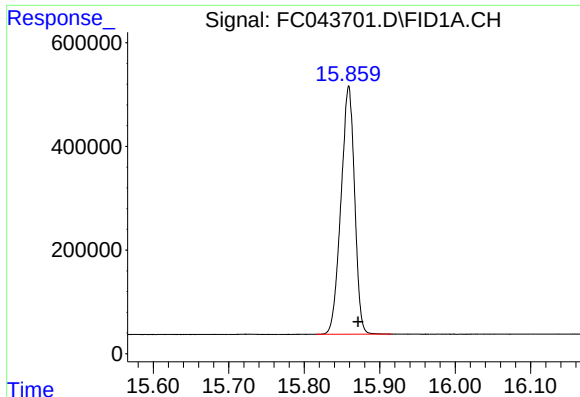
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.011 min
Response: 6469524
Conc: 45.53 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.012 min
Response: 6274886
Conc: 43.71 ug/ml



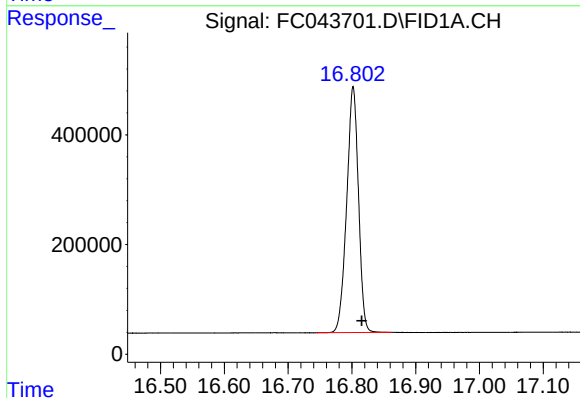
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: -0.012 min
Response: 6013917
Conc: 42.06 ug/ml

Instrument :
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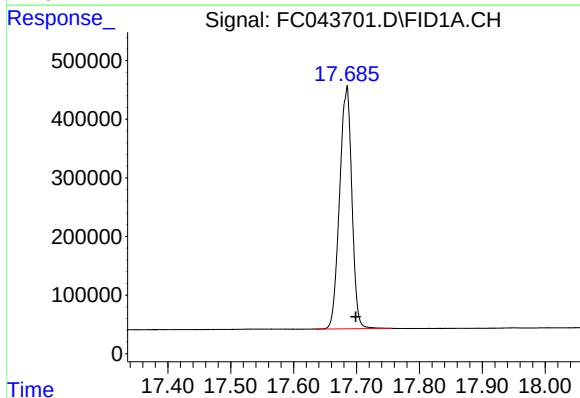
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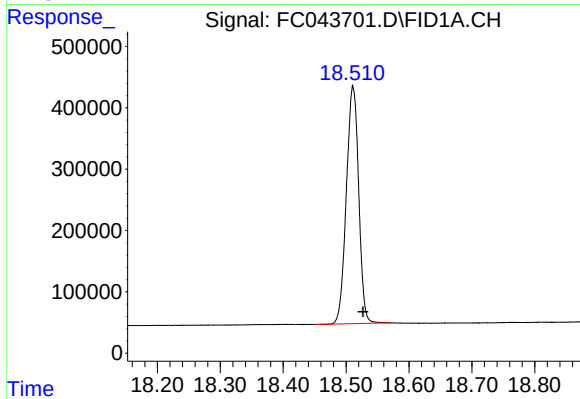
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.014 min
Response: 5759974
Conc: 40.63 ug/ml



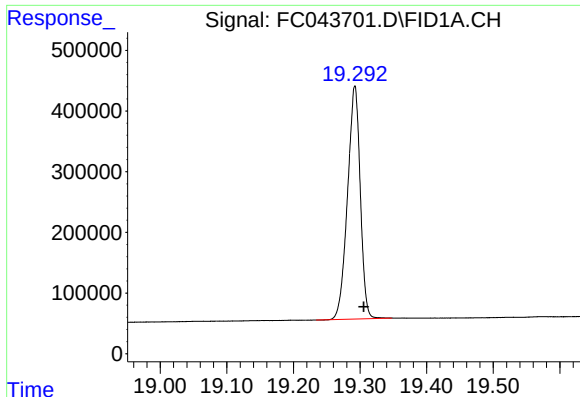
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.014 min
Response: 5599198
Conc: 39.92 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.511 min
Delta R.T.: -0.016 min
Response: 5277044
Conc: 39.73 ug/ml



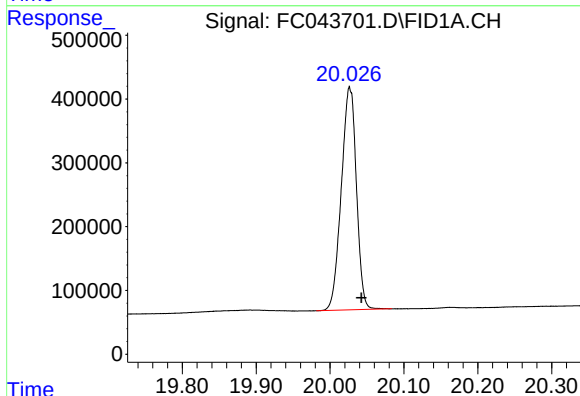
#19 n-Tetratriacontane (C34)

R.T.: 19.292 min
Delta R.T.: -0.014 min
Response: 5107213
Conc: 40.88 ug/ml

Instrument :
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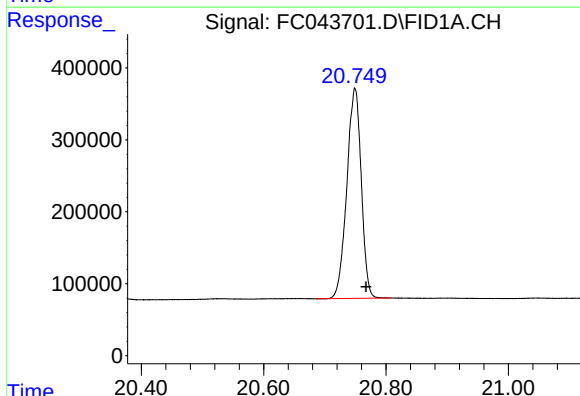
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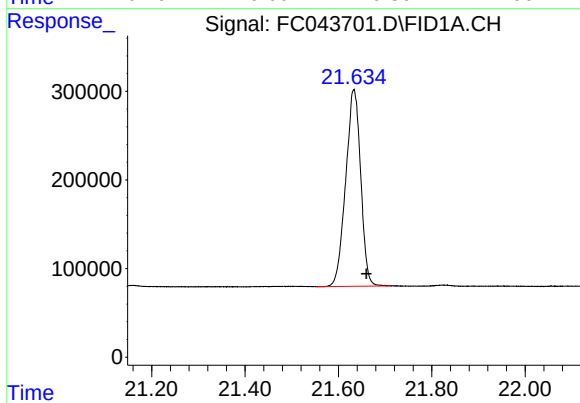
#20 n-Hexatriacontane (C36)

R.T.: 20.026 min
Delta R.T.: -0.017 min
Response: 4959589
Conc: 42.91 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.018 min
Response: 4784550
Conc: 44.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: -0.027 min
Response: 4946305
Conc: 47.31 ug/ml