

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092719AL\
 Data File : FC043689.D
 Signal(s) : FID1A.CH
 Acq On : 27 Sep 2019 23:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 9/30/2019 3:02:00 PM

Integration File: autoint1.e
 Quant Time: Sep 28 00:25:16 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			
9) S ortho-Terphenyl (SURR)	11.583	2973049	19.588 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.004	2282543	19.252 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
Target Compounds			
1) T n-Nonane (C9)	3.434	2556735	21.147 ug/ml
2) T n-Decane (C10)	4.486	2595898	21.447 ug/ml
3) T A~Naphthalene (C11.7)	6.063	2582908	21.938 ug/ml
4) T n-Dodecane (C12)	6.476	2709992	21.426 ug/ml
5) T A~2-methylnaphthalene...	7.107	2647179	21.968 ug/ml
6) T n-Tetradecane (C14)	8.251	2747630	21.346 ug/ml
7) T n-Hexadecane (C16)	9.835	2764344	20.994 ug/ml
8) T n-Octadecane (C18)	11.264	2777253	20.362 ug/ml
10) T n-Eicosane (C20)	12.561	2751423	19.713 ug/ml
11) T n-Heneicosane (C21)	13.168	2751313	19.360 ug/ml
13) T n-Docosane (C22)	13.750	2698331	18.990 ug/ml
14) T n-Tetracosane (C24)	14.845	2620444	18.253 ug/ml
15) T n-Hexacosane (C26)	15.858	2503304	17.506 ug/ml
16) T n-Octacosane (C28)	16.802	2384090	16.818 ug/ml
17) T n-Tricontane (C30)	17.685	2297805	16.384 ug/ml
18) T n-Dotriacontane (C32)	18.514	2175667	16.379 ug/ml
19) T n-Tetratriacontane (C34)	19.291	2109281	16.882 ug/ml
20) T n-Hexatriacontane (C36)	20.027	2028390	17.549 ug/mlm
21) T n-Octatriacontane (C38)	20.750	1880726	17.671 ug/ml
22) T n-Tetracontane (C40)	21.637	1985476	18.989 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 27 Sep 2019 23:21
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

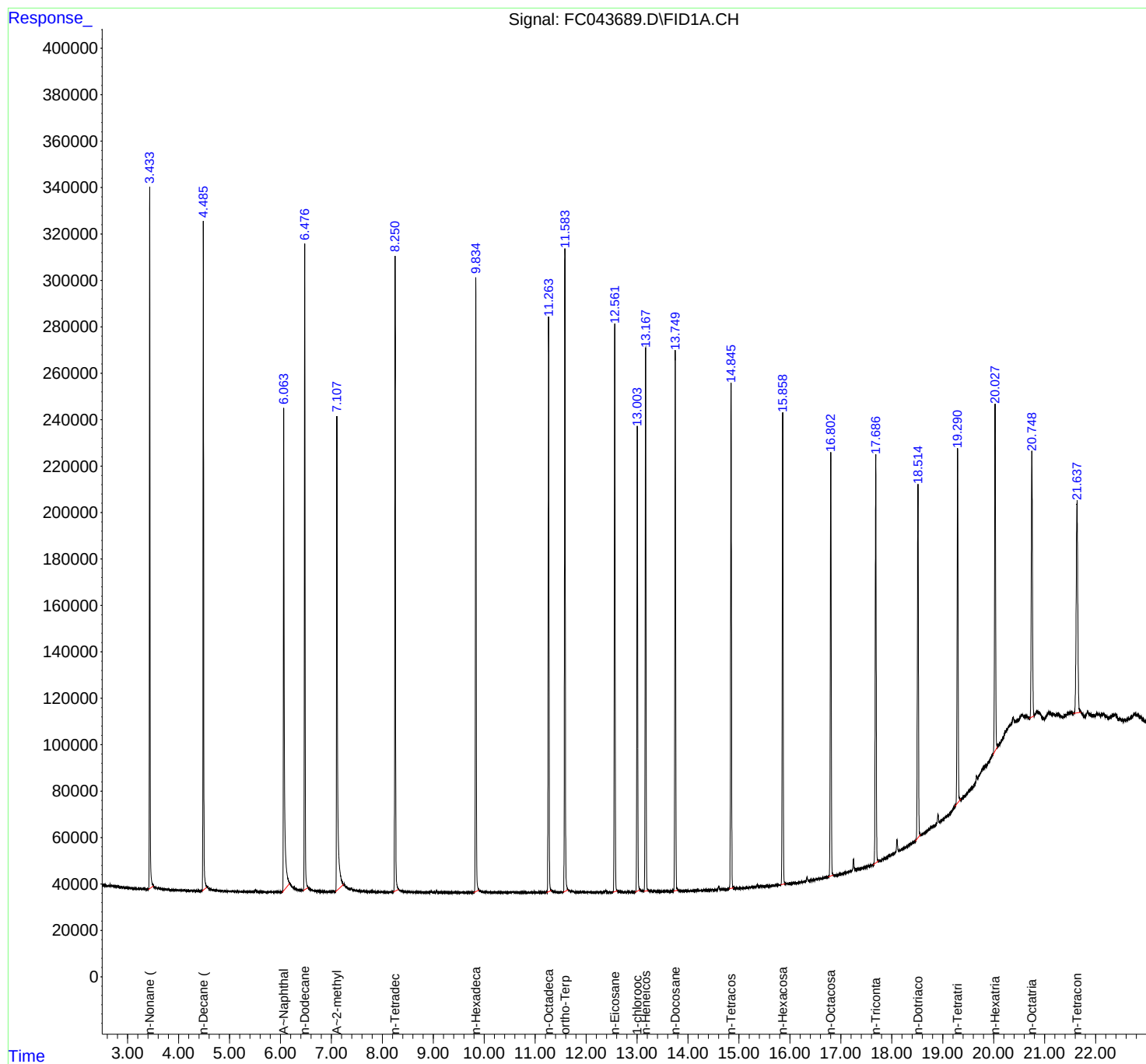
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

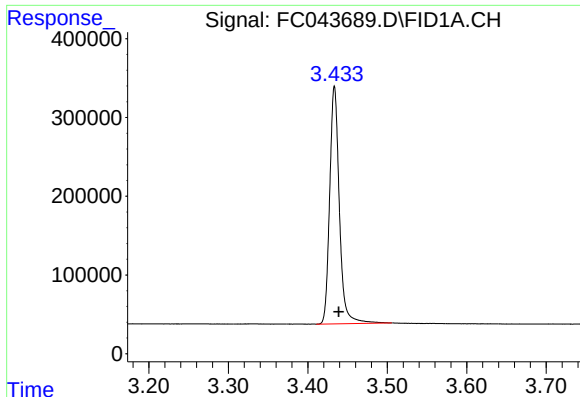
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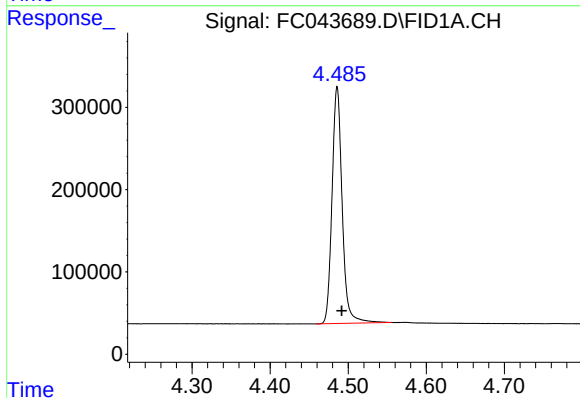
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: -0.005 min
Response: 2556735
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

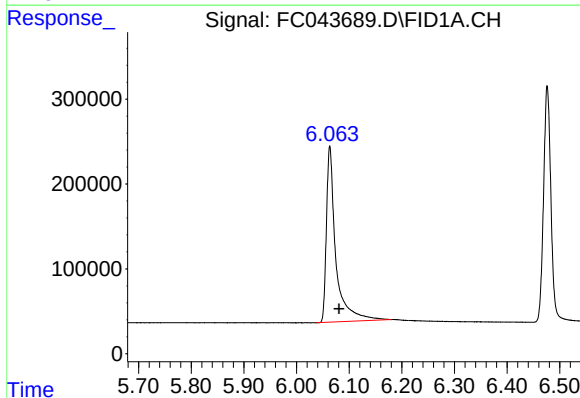
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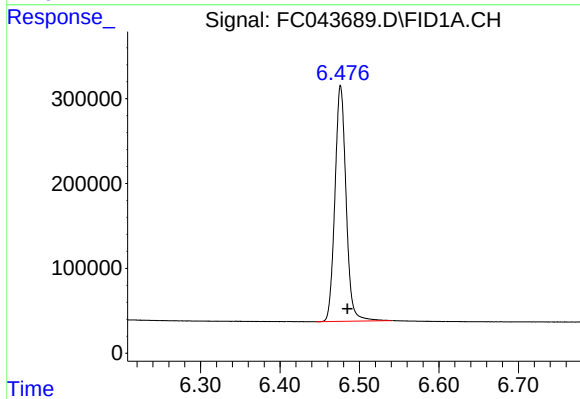
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.006 min
Response: 2595898
Conc: 21.45 ug/ml



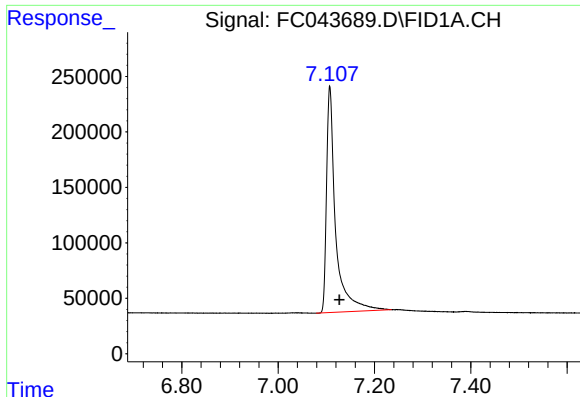
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.017 min
Response: 2582908
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.476 min
Delta R.T.: -0.009 min
Response: 2709992
Conc: 21.43 ug/ml



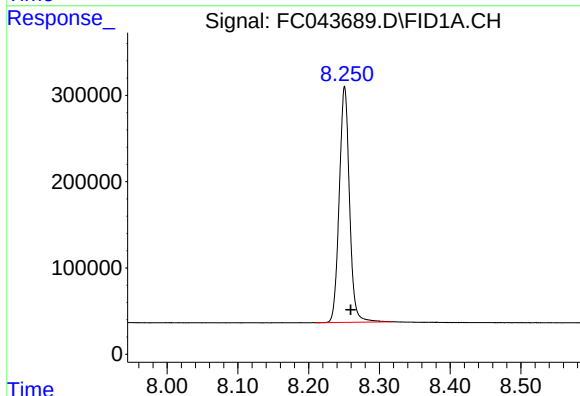
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.020 min
Response: 2647179
Conc: 21.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

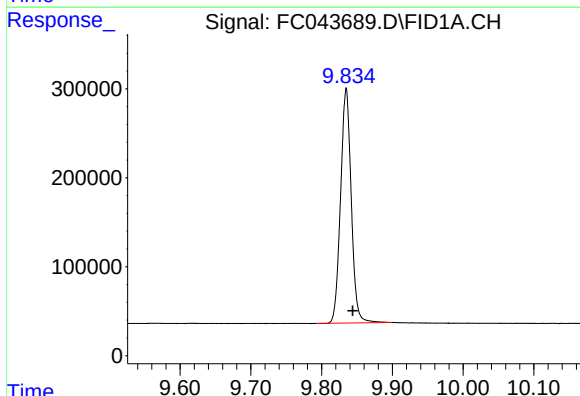
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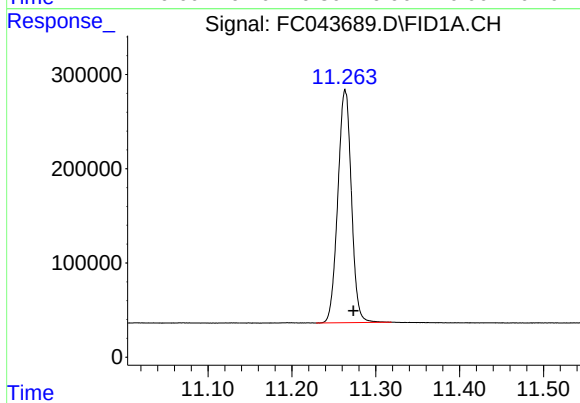
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.009 min
Response: 2747630
Conc: 21.35 ug/ml



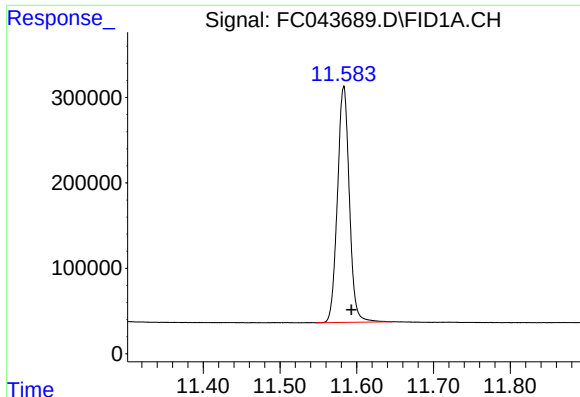
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.009 min
Response: 2764344
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: -0.009 min
Response: 2777253
Conc: 20.36 ug/ml



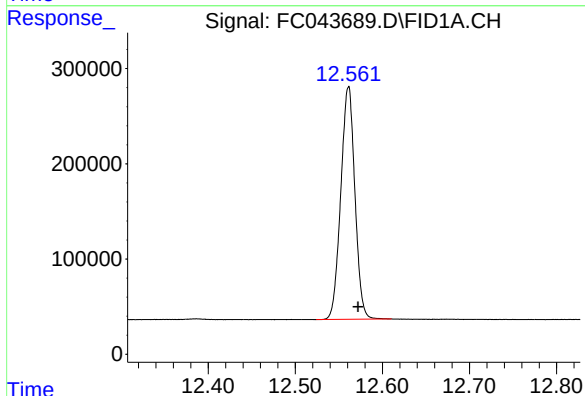
#9 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: -0.010 min
Response: 2973049
Conc: 19.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

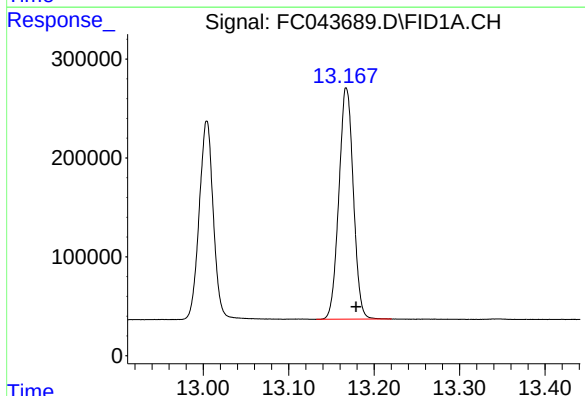
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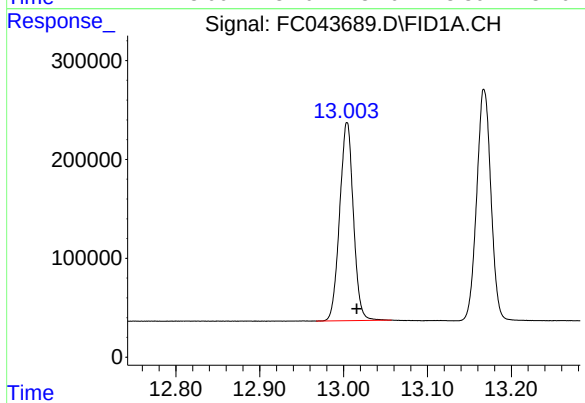
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.011 min
Response: 2751423
Conc: 19.71 ug/ml



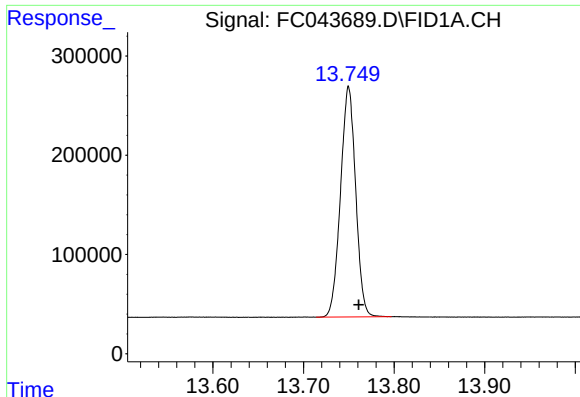
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.011 min
Response: 2751313
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.011 min
Response: 2282543
Conc: 19.25 ug/ml



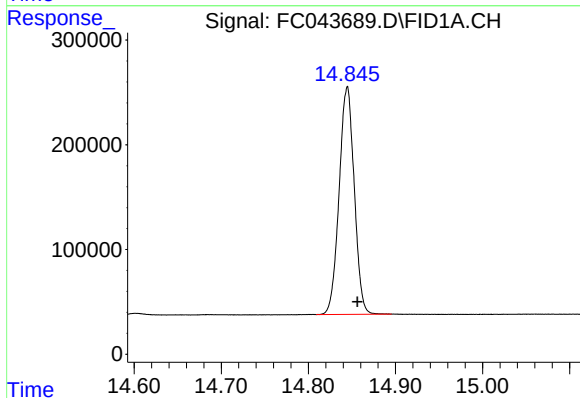
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.011 min
Response: 2698331
Conc: 18.99 ug/ml

Instrument :
FID_C
ClientSampleId :
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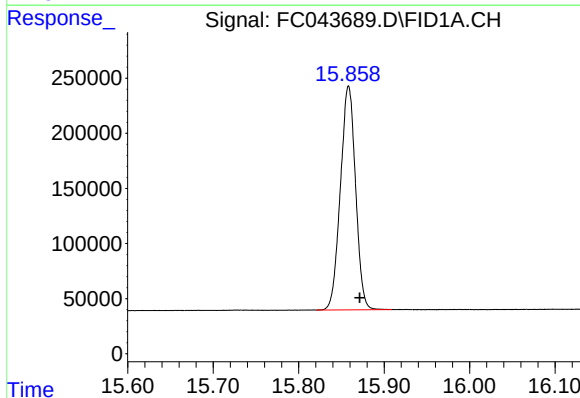
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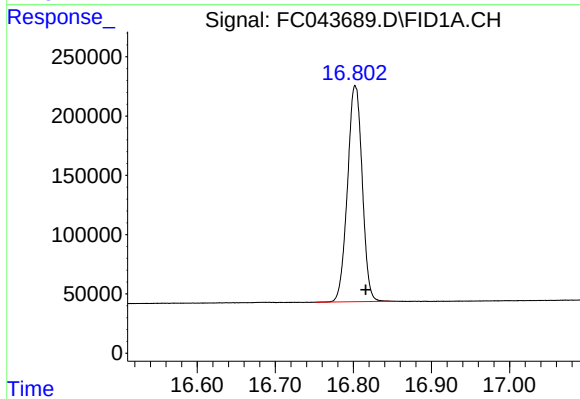
#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.012 min
Response: 2620444
Conc: 18.25 ug/ml



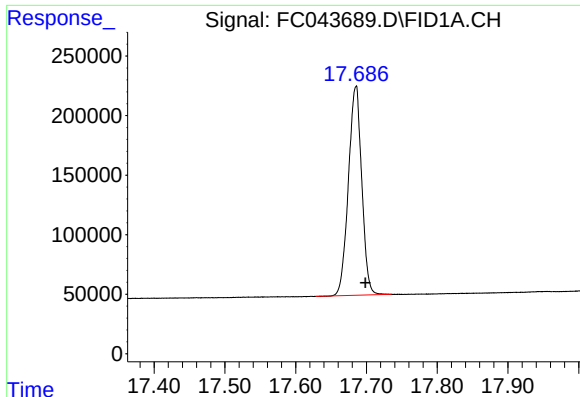
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: -0.013 min
Response: 2503304
Conc: 17.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.013 min
Response: 2384090
Conc: 16.82 ug/ml



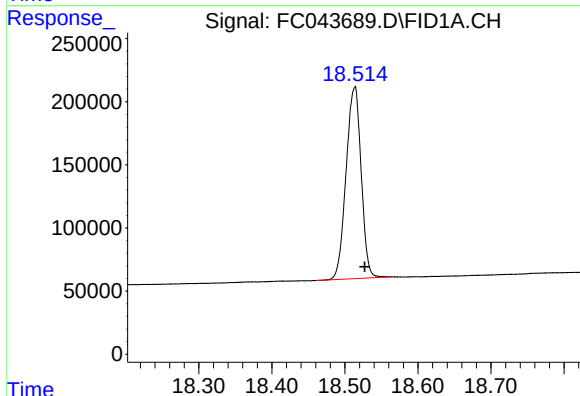
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.014 min
Response: 2297805
Conc: 16.38 ug/ml

Instrument :
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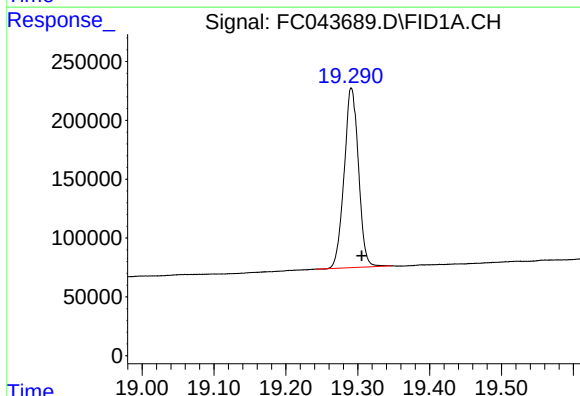
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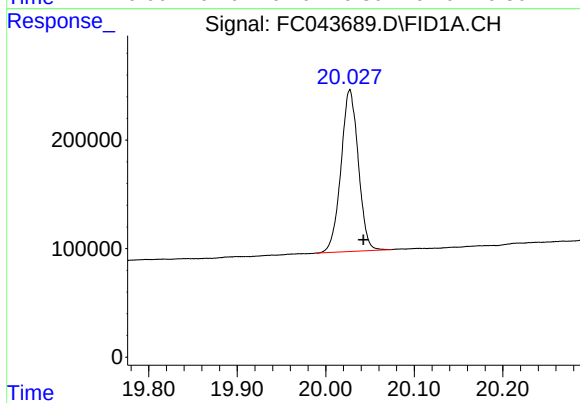
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.013 min
Response: 2175667
Conc: 16.38 ug/ml



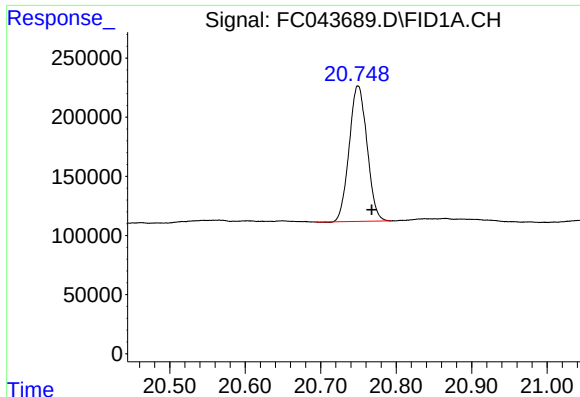
#19 n-Tetratriacontane (C34)

R.T.: 19.291 min
Delta R.T.: -0.015 min
Response: 2109281
Conc: 16.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.027 min
Delta R.T.: -0.015 min
Response: 2028390
Conc: 17.55 ug/ml m



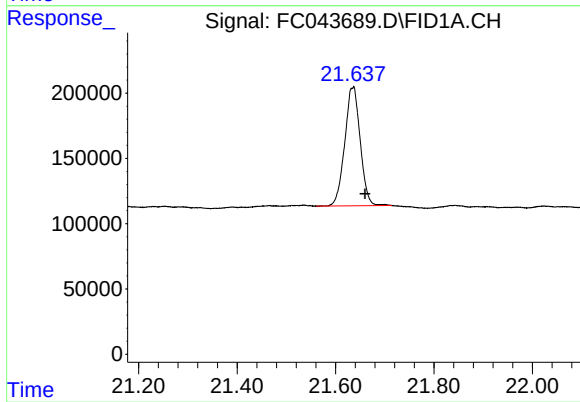
#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.018 min
Response: 1880726
Conc: 17.67 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.637 min
Delta R.T.: -0.024 min
Response: 1985476
Conc: 18.99 ug/ml