

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092719AL\
 Data File : FC043697.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2019 4:12
 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 3:02:03 PM

Integration File: autoint1.e
 Quant Time: Sep 28 06:24:59 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)	11.581	2965520	19.538 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	13.002	2267021	19.121 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T n-Nonane (C9)	3.433	2546413	21.061 ug/ml
2) T n-Decane (C10)	4.485	2583226	21.342 ug/ml
3) T A~Naphthalene (C11.7)	6.063	2546697	21.631 ug/ml
4) T n-Dodecane (C12)	6.476	2698789	21.338 ug/ml
5) T A~2-methylnaphthalene...	7.106	2602008	21.593 ug/ml
6) T n-Tetradecane (C14)	8.250	2736472	21.259 ug/ml
7) T n-Hexadecane (C16)	9.834	2757268	20.941 ug/ml
8) T n-Octadecane (C18)	11.262	2765726	20.278 ug/ml
10) T n-Eicosane (C20)	12.559	2734307	19.590 ug/ml
11) T n-Heneicosane (C21)	13.167	2734021	19.238 ug/ml
13) T n-Docosane (C22)	13.749	2681318	18.871 ug/ml
14) T n-Tetracosane (C24)	14.844	2610299	18.183 ug/ml
15) T n-Hexacosane (C26)	15.858	2503272	17.506 ug/ml
16) T n-Octacosane (C28)	16.800	2397092	16.910 ug/ml
17) T n-Tricontane (C30)	17.683	2323125	16.565 ug/ml
18) T n-Dotriacontane (C32)	18.510	2194240	16.519 ug/ml
19) T n-Tetratriacontane (C34)	19.288	2112145	16.905 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2030830	17.570 ug/mlm
21) T n-Octatriacontane (C38)	20.747	1927397	18.109 ug/ml
22) T n-Tetracontane (C40)	21.629	1996621	19.096 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
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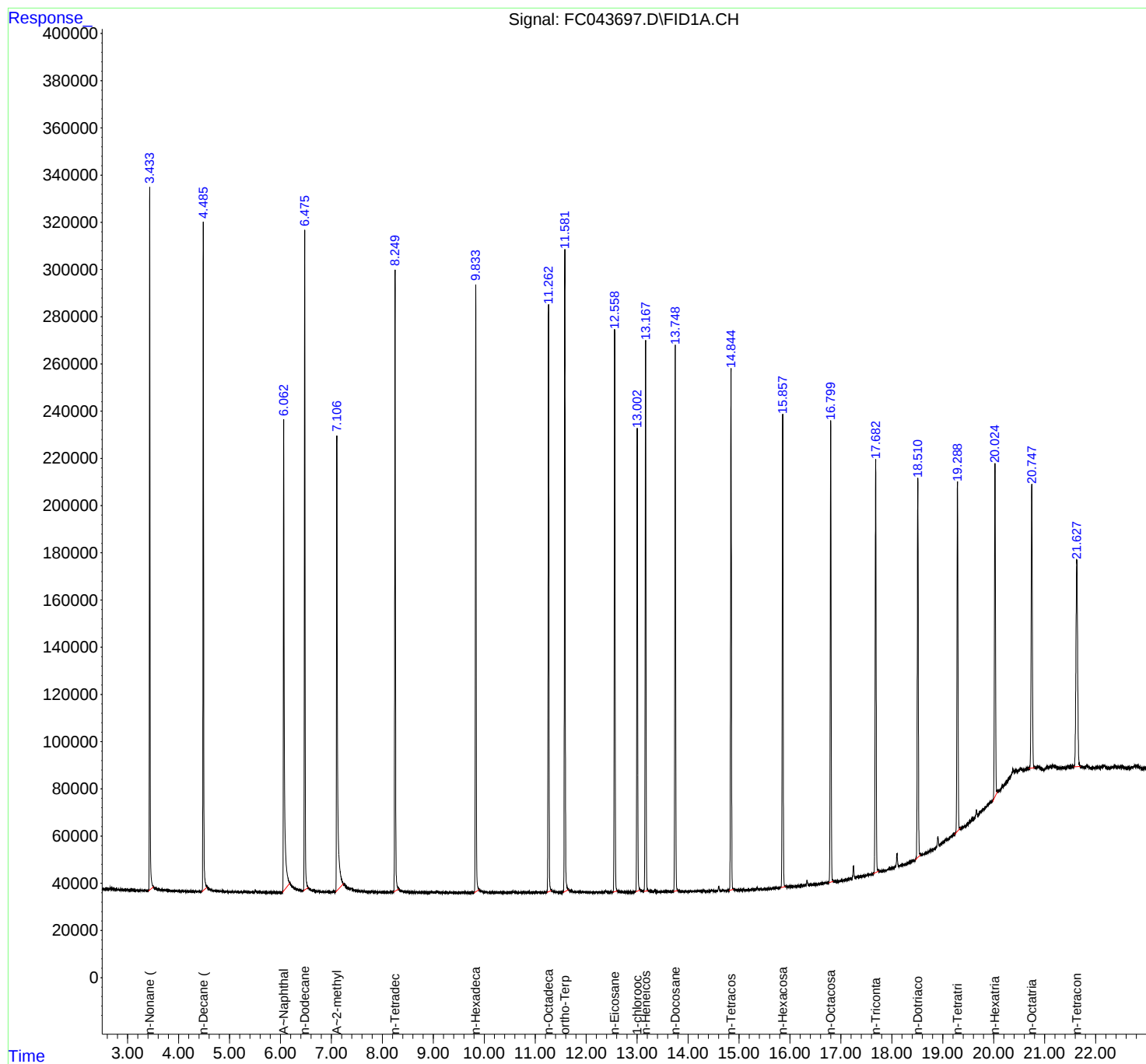
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

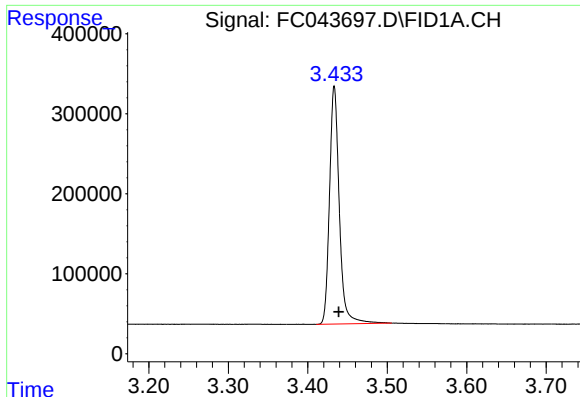
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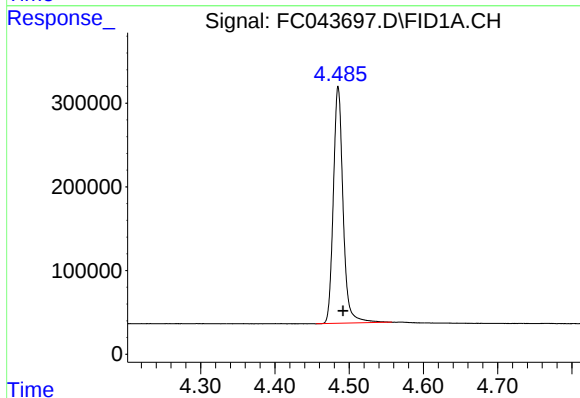
#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: -0.006 min
Response: 2546413
Conc: 21.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

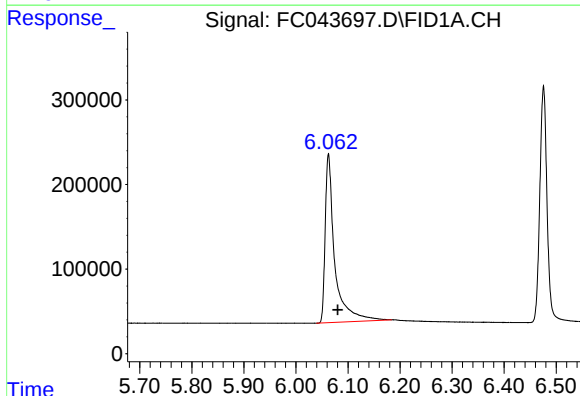
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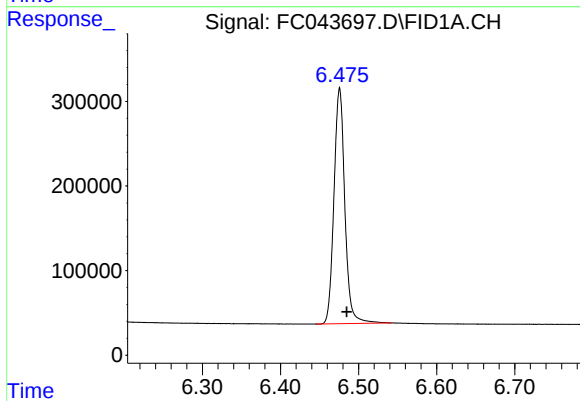
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.007 min
Response: 2583226
Conc: 21.34 ug/ml



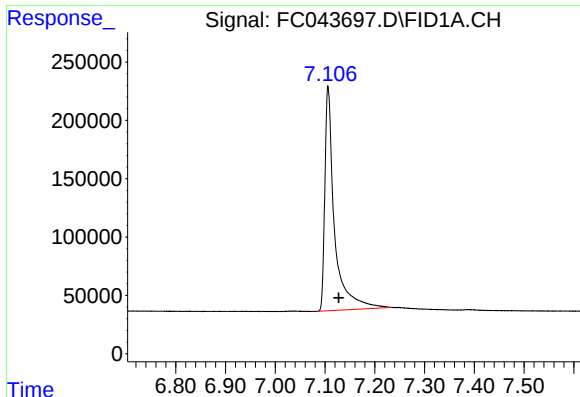
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.018 min
Response: 2546697
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.476 min
Delta R.T.: -0.009 min
Response: 2698789
Conc: 21.34 ug/ml



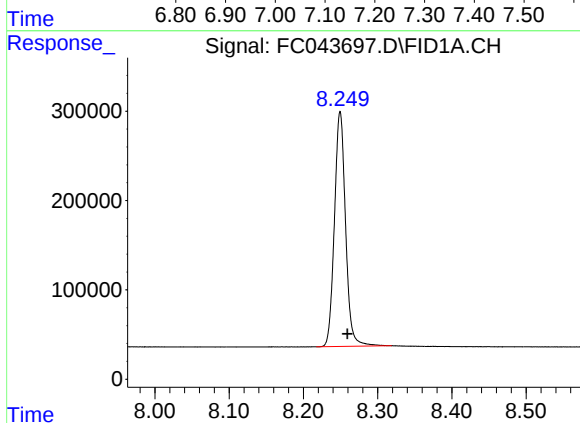
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: -0.021 min
Response: 2602008
Conc: 21.59 ug/ml

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20 PPM ALIPHATIC HC STD

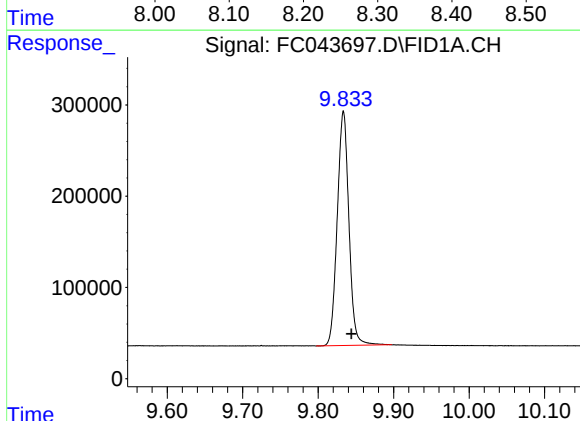
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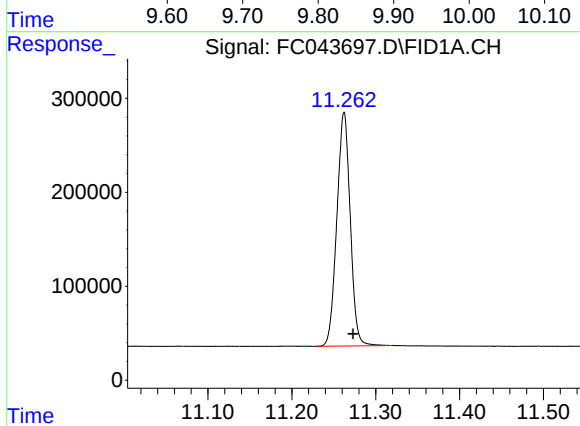
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: -0.010 min
Response: 2736472
Conc: 21.26 ug/ml



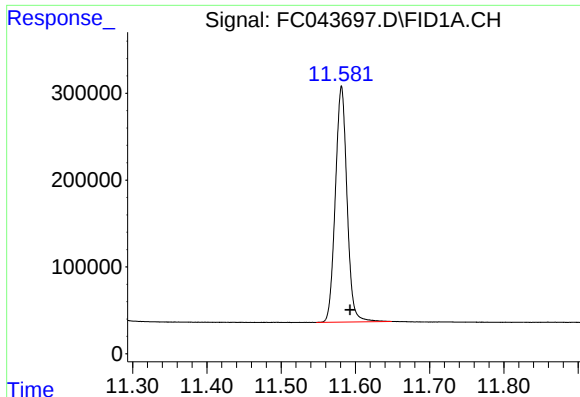
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.010 min
Response: 2757268
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: -0.011 min
Response: 2765726
Conc: 20.28 ug/ml



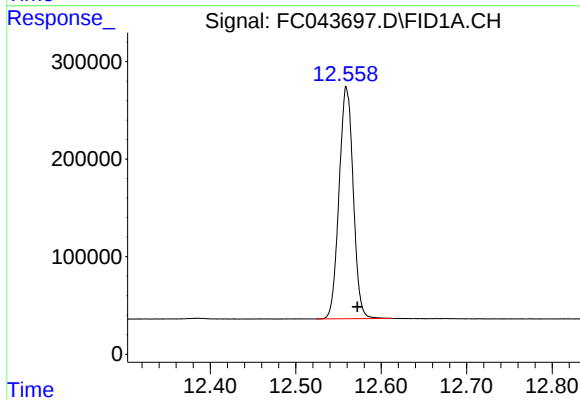
#9 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.011 min
Response: 2965520
Conc: 19.54 ug/ml

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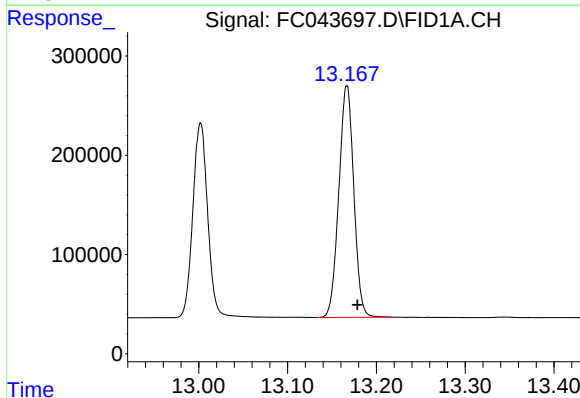
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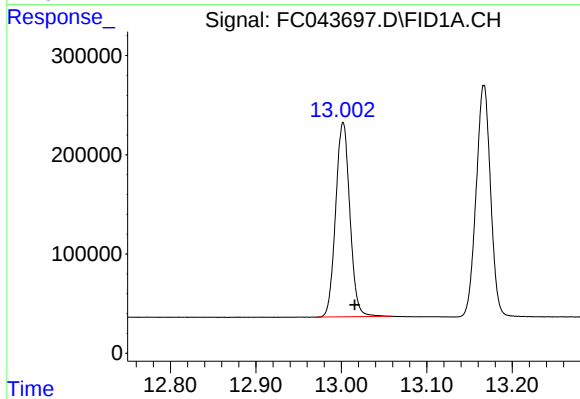
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.013 min
Response: 2734307
Conc: 19.59 ug/ml



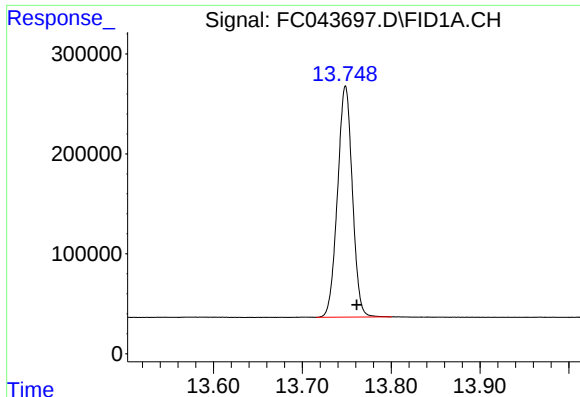
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.012 min
Response: 2734021
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.013 min
Response: 2267021
Conc: 19.12 ug/ml



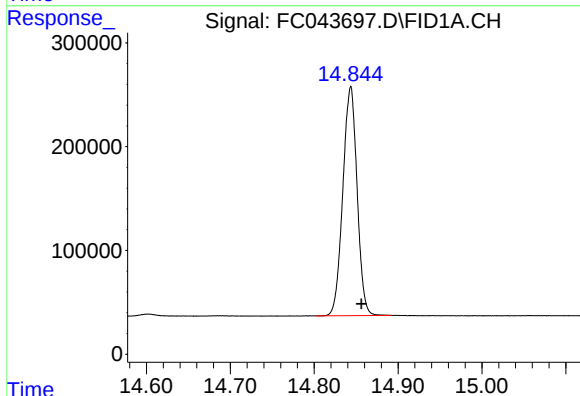
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.013 min
Response: 2681318
Conc: 18.87 ug/ml

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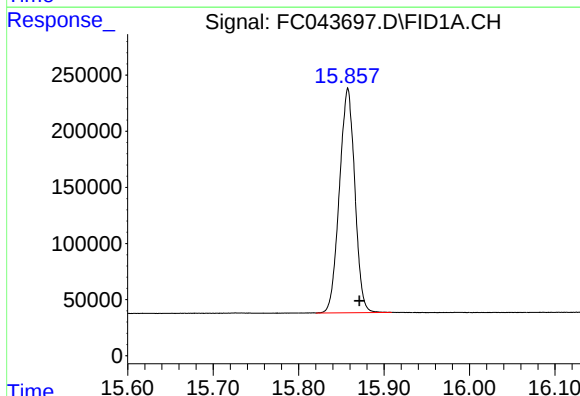
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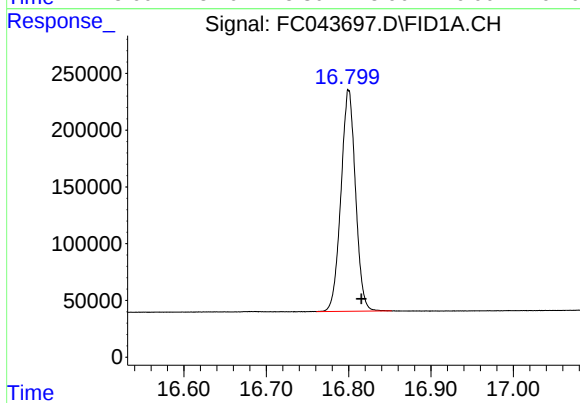
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.013 min
Response: 2610299
Conc: 18.18 ug/ml



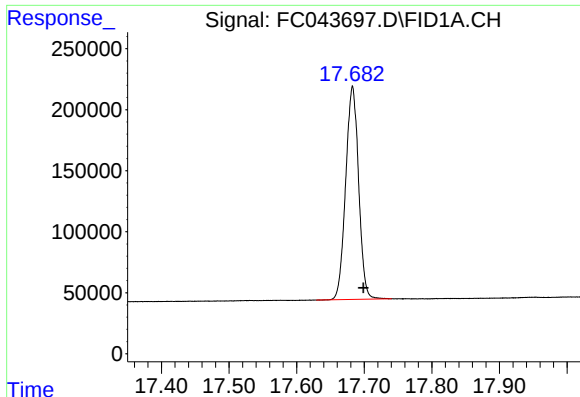
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: -0.014 min
Response: 2503272
Conc: 17.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.016 min
Response: 2397092
Conc: 16.91 ug/ml



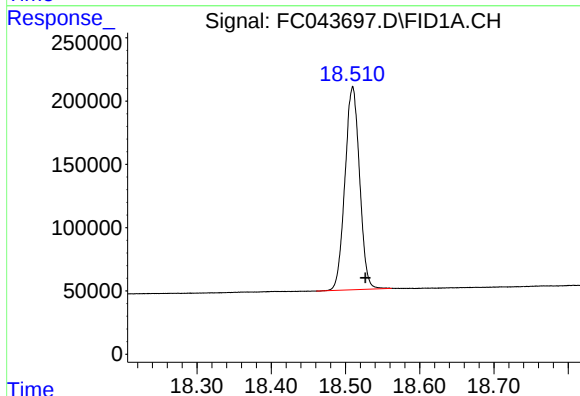
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.016 min
Response: 2323125
Conc: 16.56 ug/ml

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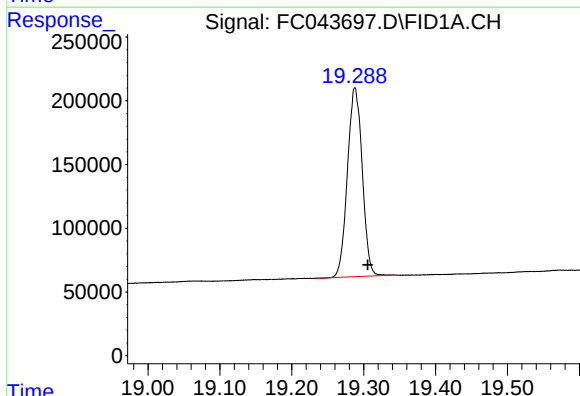
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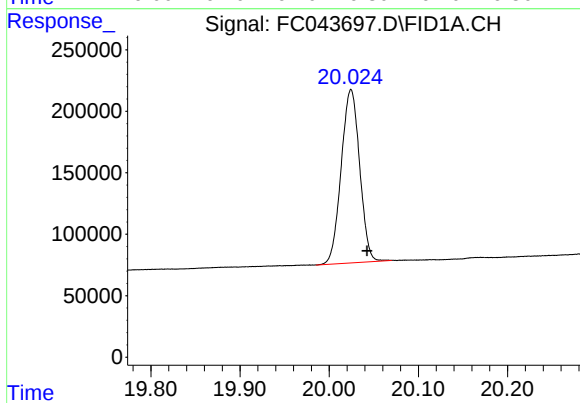
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: -0.017 min
Response: 2194240
Conc: 16.52 ug/ml



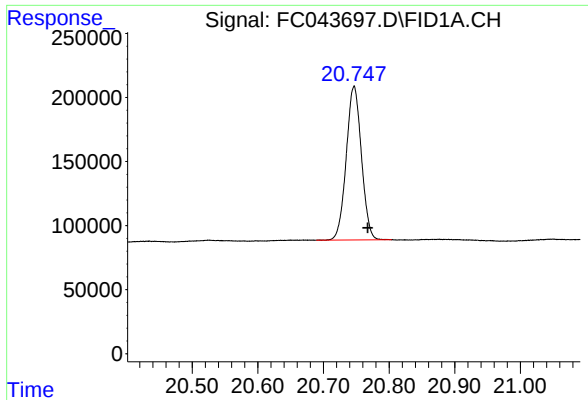
#19 n-Tetratriacontane (C34)

R.T.: 19.288 min
Delta R.T.: -0.018 min
Response: 2112145
Conc: 16.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.024 min
Delta R.T.: -0.018 min
Response: 2030830
Conc: 17.57 ug/ml m



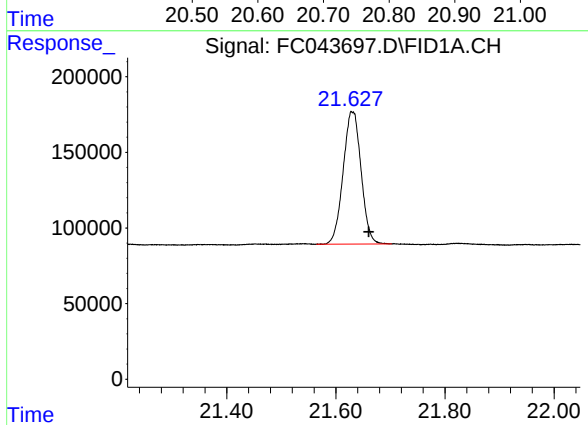
#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: -0.021 min
Response: 1927397
Conc: 18.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: -0.031 min
Response: 1996621
Conc: 19.10 ug/ml