

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082420AL\
 Data File : FC049185.D
 Signal(s) : FID1A.CH
 Acq On : 25 Aug 2020 2:56
 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

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 8/25/2020 3:22:15 PM

Integration File: autoint1.e
 Quant Time: Aug 25 03:39:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.684	2562839	21.570 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
12) S 1-chlorooctadecane (S...	13.116	2076106	21.342 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
Target Compounds			
1) T n-Nonane (C9)	3.410	2268624	21.751 ug/ml
2) T n-Decane (C10)	4.486	2337753	22.288 ug/ml
3) T A~Naphthalene (C11.7)	6.087	2680102	22.662 ug/ml
4) T n-Dodecane (C12)	6.512	2415183	22.771 ug/ml
5) T A~2-methylnaphthalene...	7.147	2760528	22.896 ug/ml
6) T n-Tetradecane (C14)	8.312	2405266	22.840 ug/ml
7) T n-Hexadecane (C16)	9.915	2379946	22.674 ug/ml
8) T n-Octadecane (C18)	11.359	2471546	22.497 ug/ml
10) T n-Eicosane (C20)	12.670	2449703	22.014 ug/ml
11) T n-Heneicosane (C21)	13.282	2403814	21.519 ug/ml
13) T n-Docosane (C22)	13.869	2409113	21.433 ug/ml
14) T n-Tetracosane (C24)	14.971	2379819	20.933 ug/ml
15) T n-Hexacosane (C26)	15.992	2402962	21.002 ug/ml
16) T n-Octacosane (C28)	16.942	2359426	20.280 ug/ml
17) T n-Tricontane (C30)	17.828	2224880	19.247 ug/ml
18) T n-Dotriacontane (C32)	18.658	1968763	18.208 ug/ml
19) T n-Tetratriacontane (C34)	19.440	1812754	17.478 ug/mlm
20) T n-Hexatriacontane (C36)	20.179	1727915	17.378 ug/mlm
21) T n-Octatriacontane (C38)	20.934	1771390	18.733 ug/mlm
22) T n-Tetracontane (C40)	21.888	1721494	18.033 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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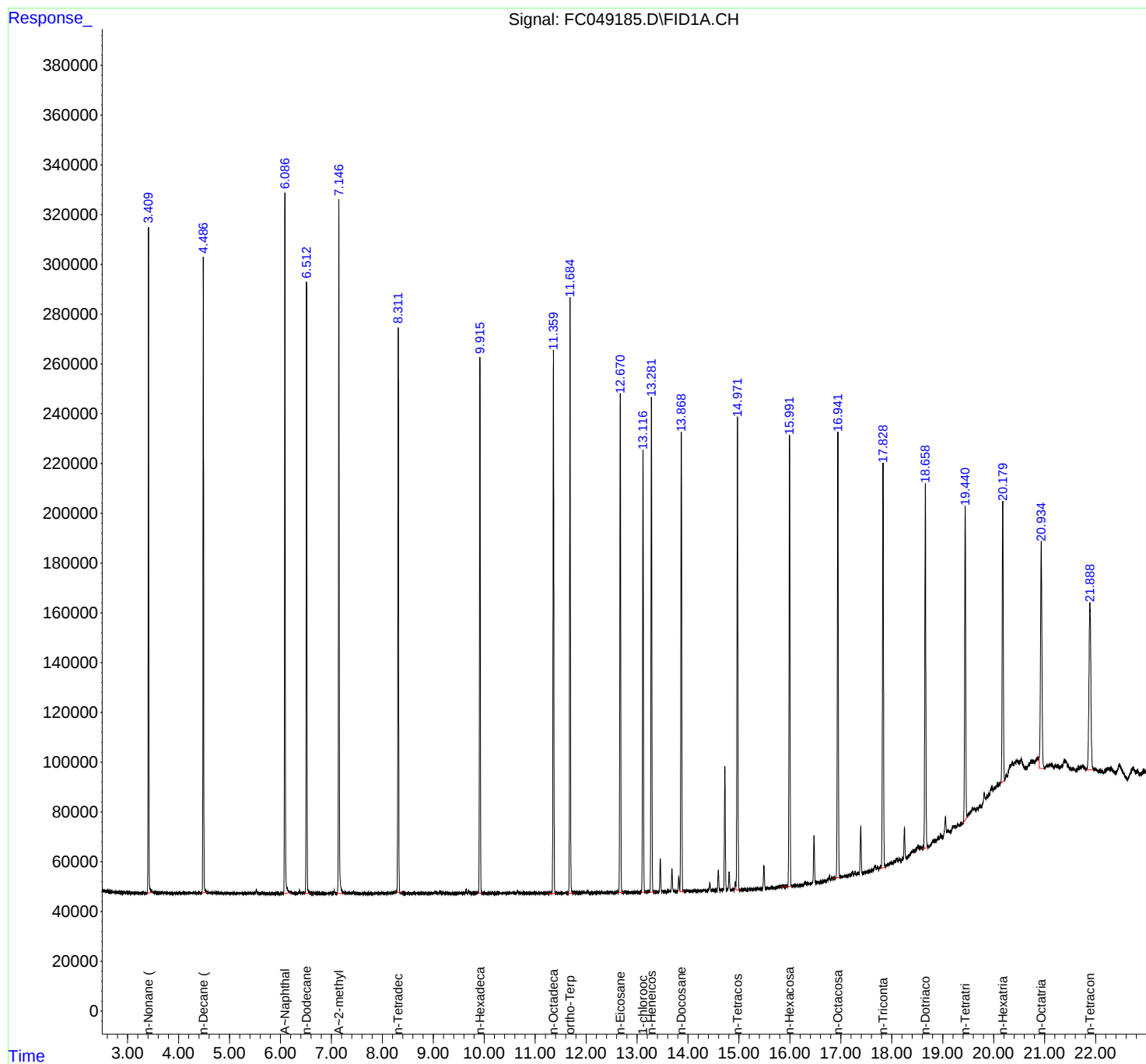
Instrument :
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20 PPM ALIPHATIC HC STD

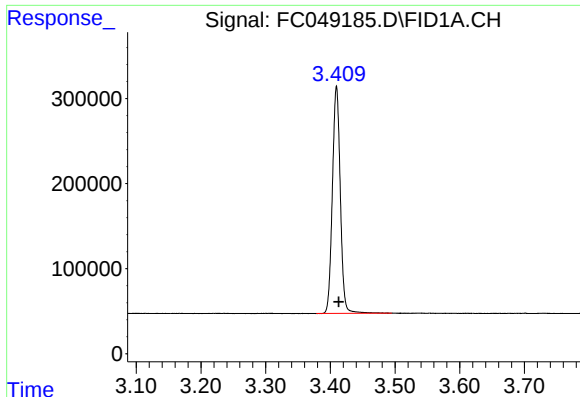
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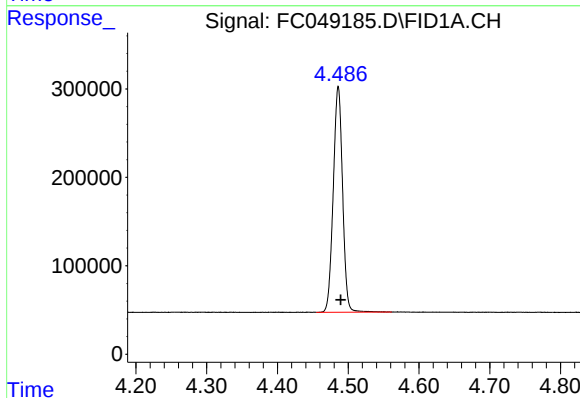
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: -0.003 min
Response: 2268624
Conc: 21.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

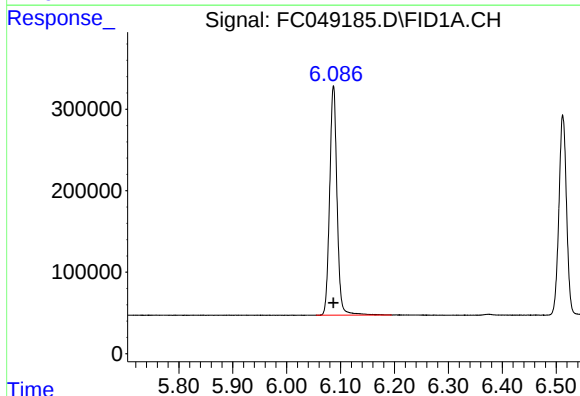
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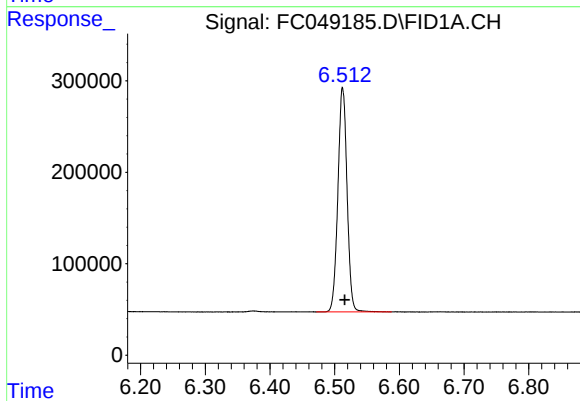
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.003 min
Response: 2337753
Conc: 22.29 ug/ml



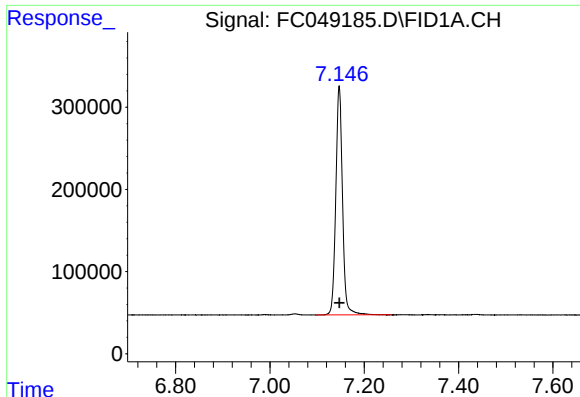
#3 A~Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 2680102
Conc: 22.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.512 min
Delta R.T.: -0.003 min
Response: 2415183
Conc: 22.77 ug/ml



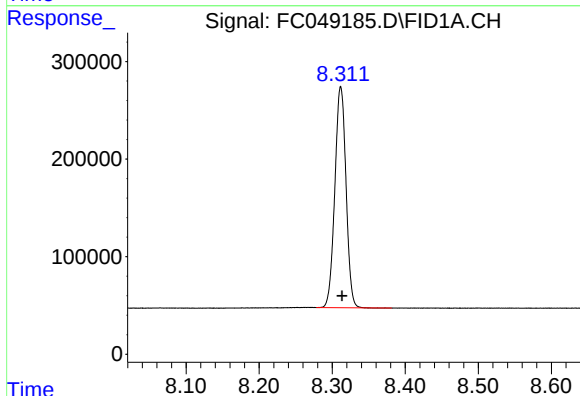
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 2760528
Conc: 22.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

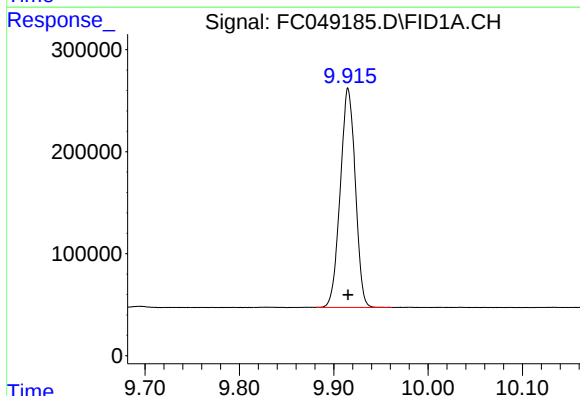
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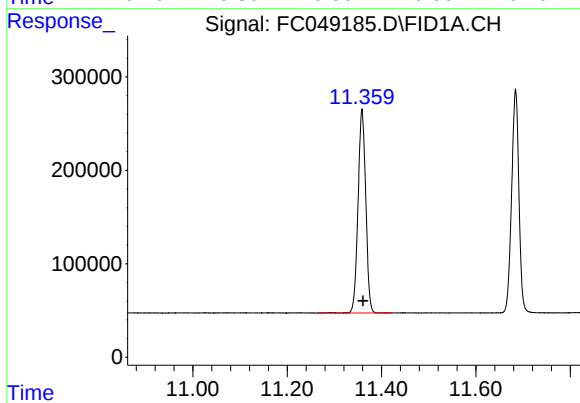
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: -0.002 min
Response: 2405266
Conc: 22.84 ug/ml



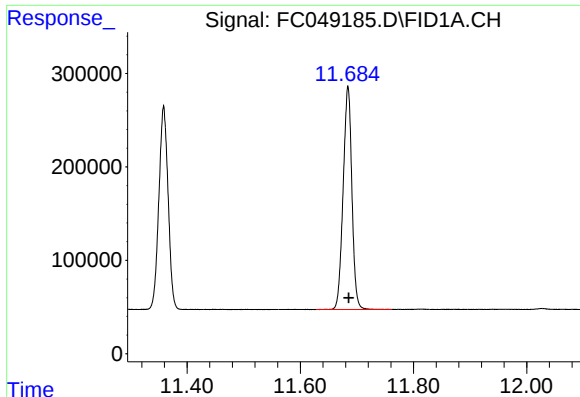
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2379946
Conc: 22.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: -0.002 min
Response: 2471546
Conc: 22.50 ug/ml



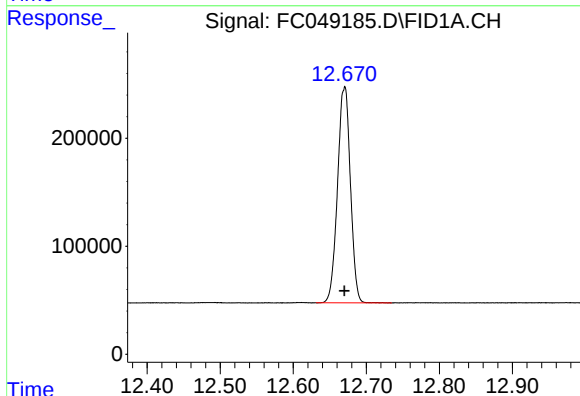
#9 ortho-Terphenyl (SURR)

R.T.: 11.684 min
Delta R.T.: -0.001 min
Response: 2562839
Conc: 21.57 ug/ml

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20 PPM ALIPHATIC HC STD

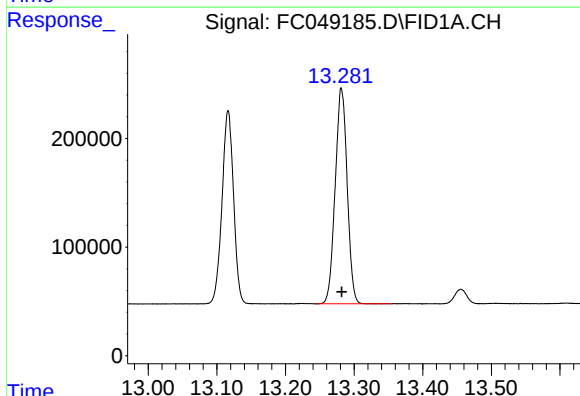
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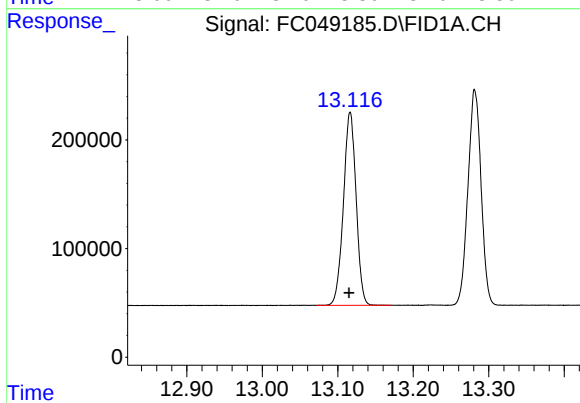
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.000 min
Response: 2449703
Conc: 22.01 ug/ml



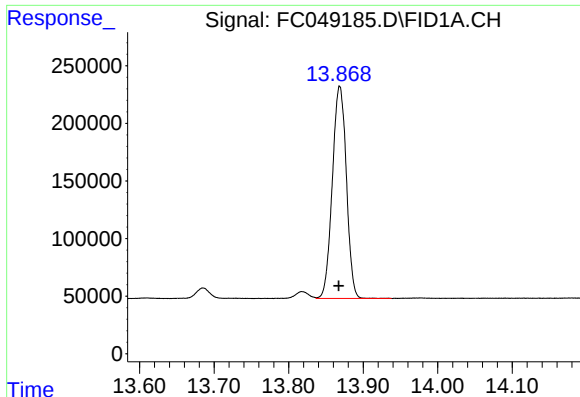
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 2403814
Conc: 21.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: 0.002 min
Response: 2076106
Conc: 21.34 ug/ml



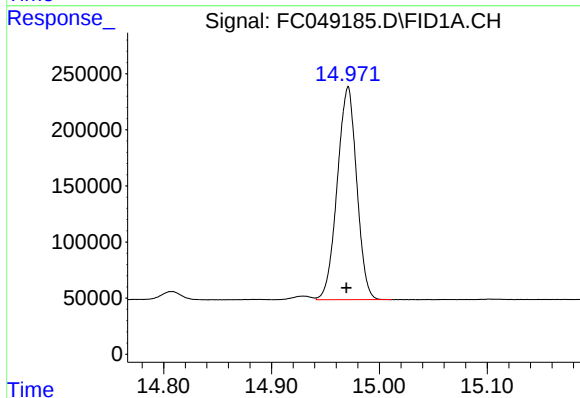
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: 0.001 min
Response: 2409113
Conc: 21.43 ug/ml

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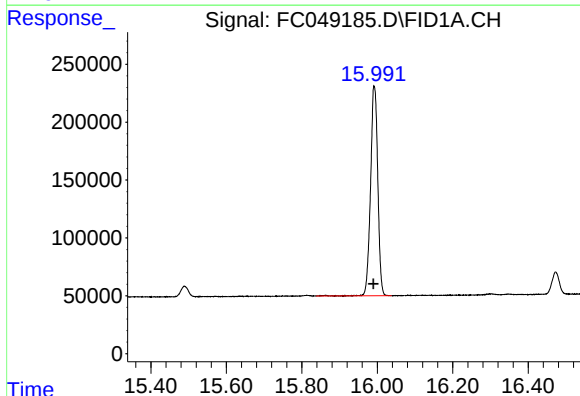
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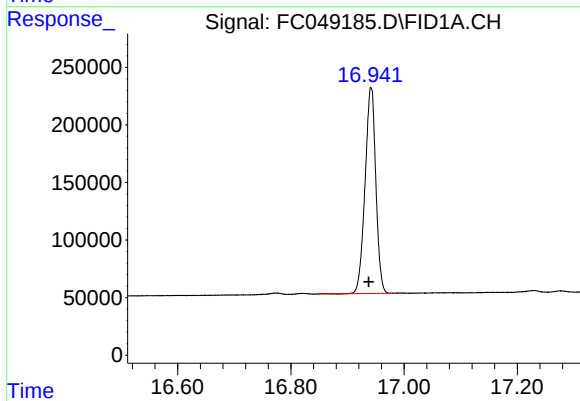
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: 0.001 min
Response: 2379819
Conc: 20.93 ug/ml



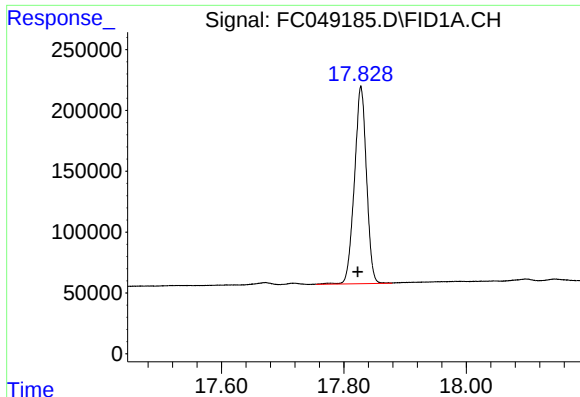
#15 n-Hexacosane (C26)

R.T.: 15.992 min
Delta R.T.: 0.002 min
Response: 2402962
Conc: 21.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.942 min
Delta R.T.: 0.004 min
Response: 2359426
Conc: 20.28 ug/ml



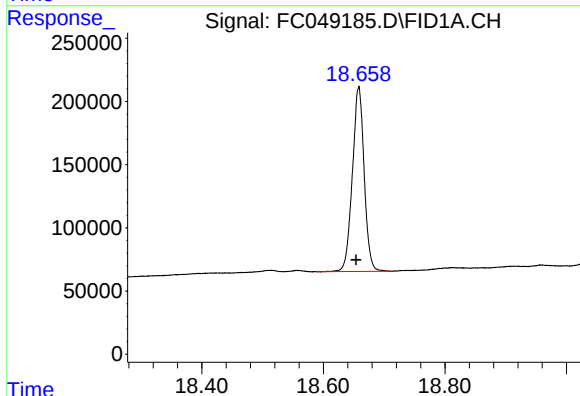
#17 n-Tricontane (C30)

R.T.: 17.828 min
Delta R.T.: 0.005 min
Response: 2224880
Conc: 19.25 ug/ml

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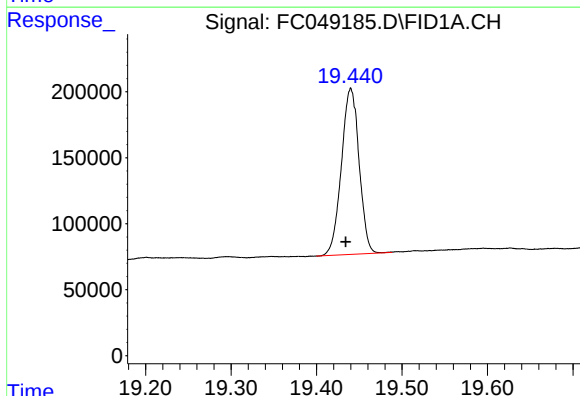
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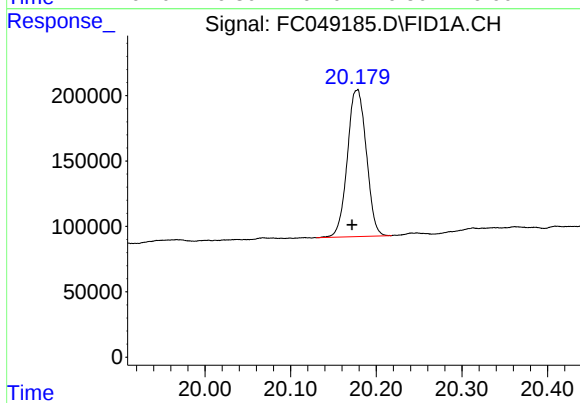
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.005 min
Response: 1968763
Conc: 18.21 ug/ml



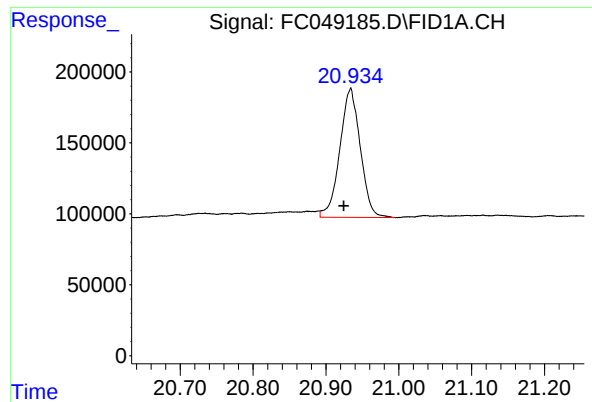
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: 0.005 min
Response: 1812754
Conc: 17.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.179 min
Delta R.T.: 0.007 min
Response: 1727915
Conc: 17.38 ug/ml m



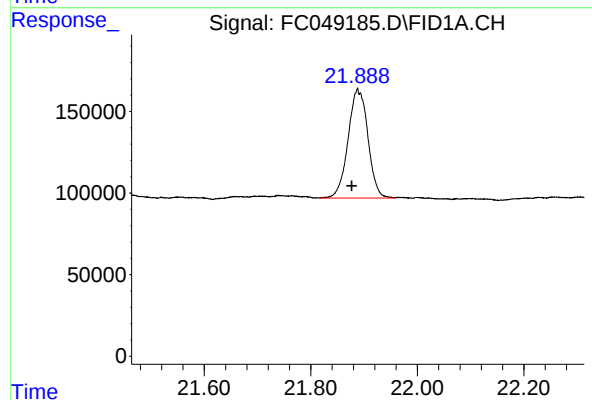
#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: 0.010 min
Response: 1771390
Conc: 18.73 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.888 min
Delta R.T.: 0.011 min
Response: 1721494
Conc: 18.03 ug/ml m