

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080320AL\
 Data File : FC048822.D
 Signal(s) : FID1A.CH
 Acq On : 03 Aug 2020 9:07
 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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 8/4/2020 12:02:40 PM

Integration File: autoint1.e
 Quant Time: Aug 04 02:34:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.676	2409181	17.553 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
12) S 1-chlorooctadecane (S...	13.109	1940309	17.219 ug/ml
Spiked Amount 50.000		Recovery =	34.44%
Target Compounds			
1) T n-Nonane (C9)	3.411	2373883	19.914 ug/ml
2) T n-Decane (C10)	4.484	2400684	19.944 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2646673	19.667 ug/ml
4) T n-Dodecane (C12)	6.510	2446305	19.996 ug/ml
5) T A~2-methylnaphthalene...	7.141	2680692	19.449 ug/ml
6) T n-Tetradecane (C14)	8.309	2424333	19.680 ug/ml
7) T n-Hexadecane (C16)	9.912	2355644	19.243 ug/ml
8) T n-Octadecane (C18)	11.354	2377411	18.576 ug/ml
10) T n-Eicosane (C20)	12.663	2311395	17.871 ug/ml
11) T n-Heneicosane (C21)	13.274	2265736	17.479 ug/ml
13) T n-Docosane (C22)	13.860	2221593	17.111 ug/ml
14) T n-Tetracosane (C24)	14.963	2132859	16.271 ug/ml
15) T n-Hexacosane (C26)	15.983	2042366	15.707 ug/ml
16) T n-Octacosane (C28)	16.932	1990222	15.231 ug/ml
17) T n-Tricontane (C30)	17.815	1931220	15.022 ug/mlm
18) T n-Dotriacontane (C32)	18.650	1772362	15.002 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1691801	15.157 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1655833	15.744 ug/ml
21) T n-Octatriacontane (C38)	20.919	1587353	16.169 ug/mlm
22) T n-Tetracontane (C40)	21.872	1615874	16.628 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

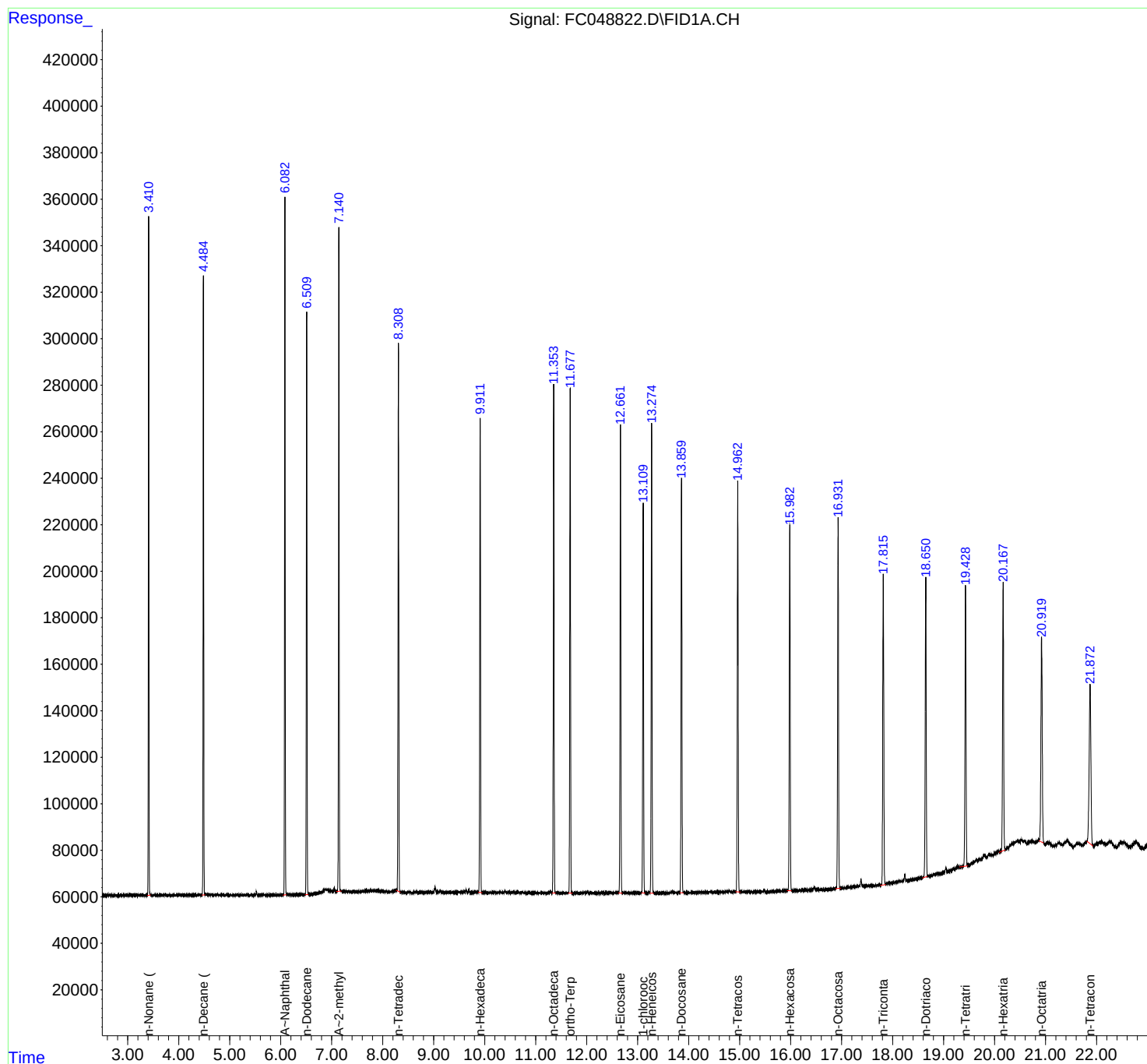
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

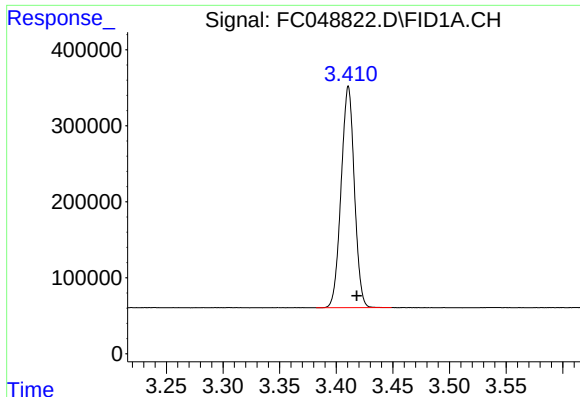
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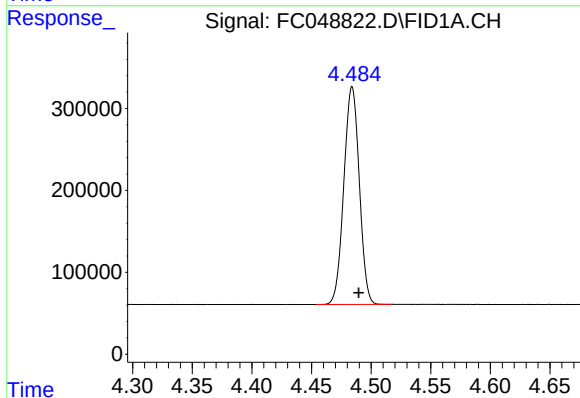
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: -0.007 min
Response: 2373883
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

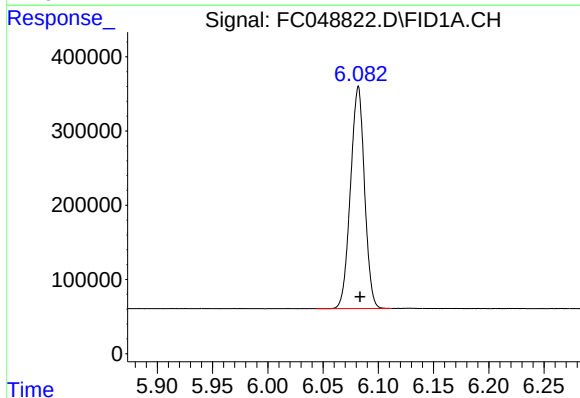
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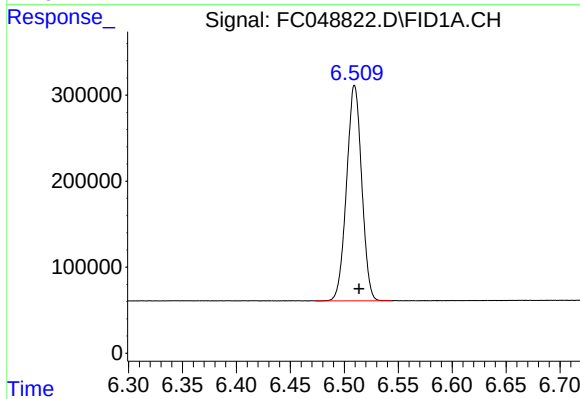
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 2400684
Conc: 19.94 ug/ml



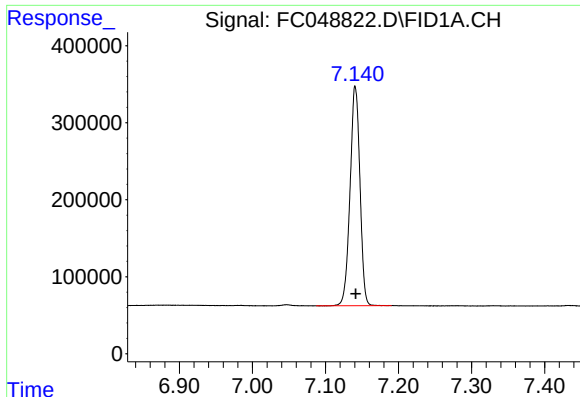
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 2646673
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 2446305
Conc: 20.00 ug/ml



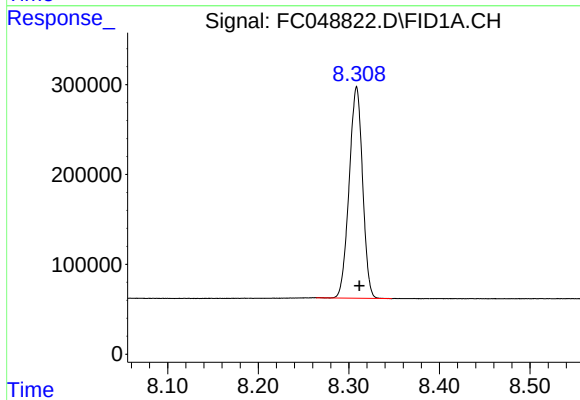
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 2680692
Conc: 19.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

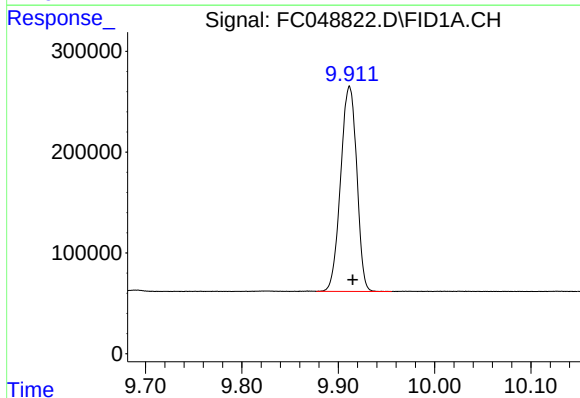
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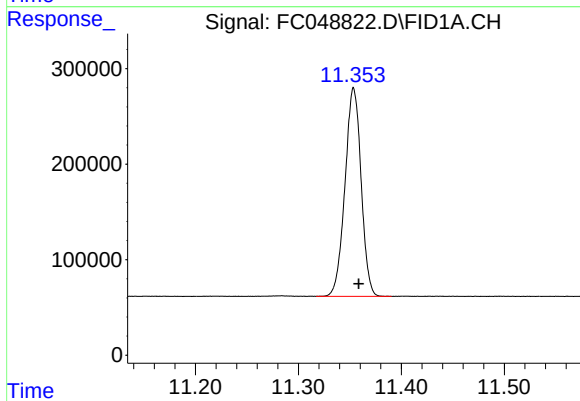
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.003 min
Response: 2424333
Conc: 19.68 ug/ml



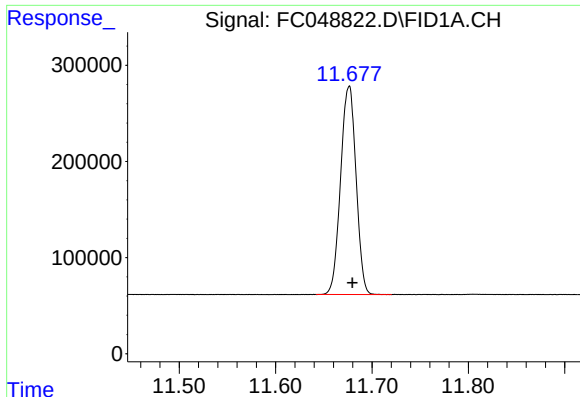
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.003 min
Response: 2355644
Conc: 19.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.005 min
Response: 2377411
Conc: 18.58 ug/ml



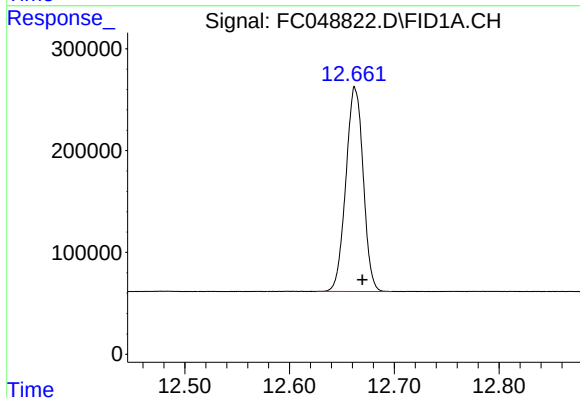
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.003 min
Response: 2409181
Conc: 17.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

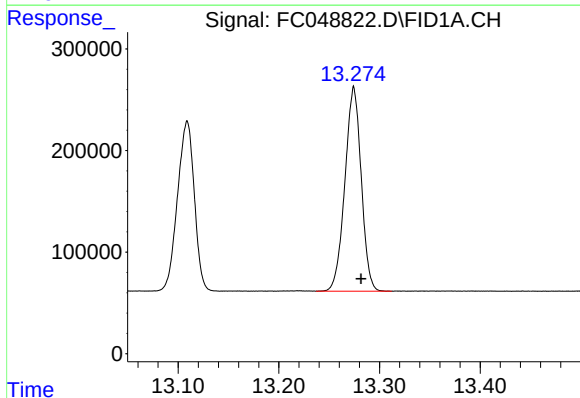
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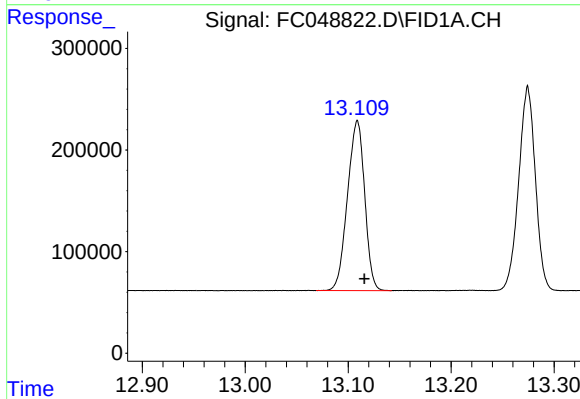
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.007 min
Response: 2311395
Conc: 17.87 ug/ml



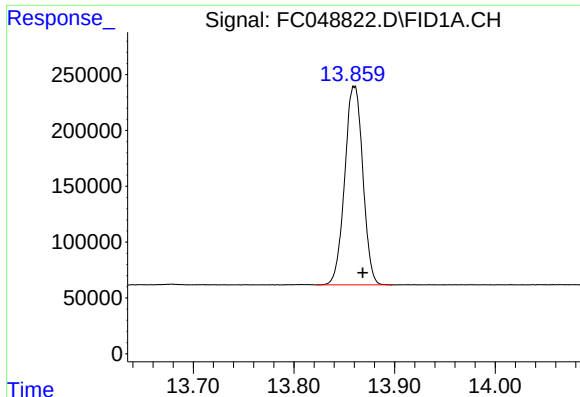
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: -0.007 min
Response: 2265736
Conc: 17.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.007 min
Response: 1940309
Conc: 17.22 ug/ml



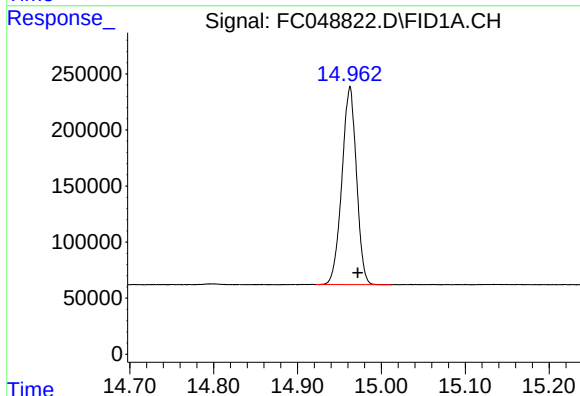
#13 n-Docosane (C22)

R.T.: 13.860 min
Delta R.T.: -0.008 min
Response: 2221593
Conc: 17.11 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

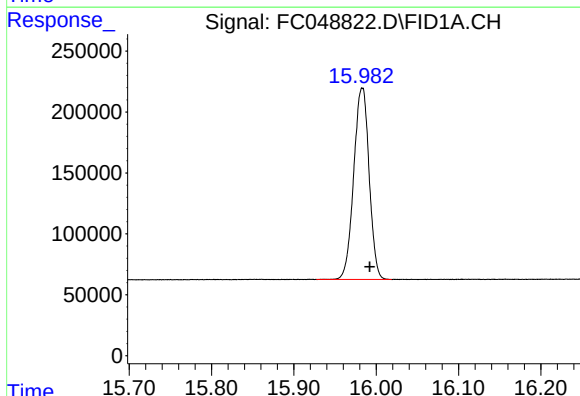
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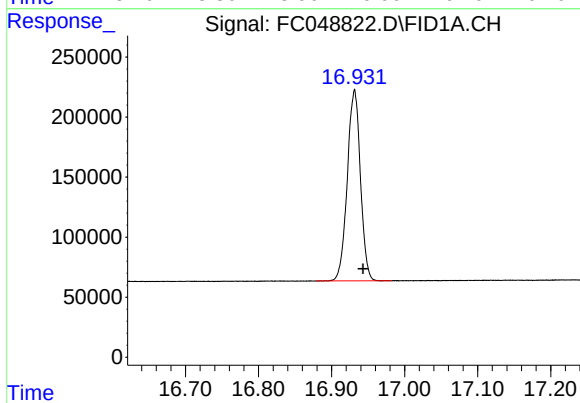
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.009 min
Response: 2132859
Conc: 16.27 ug/ml



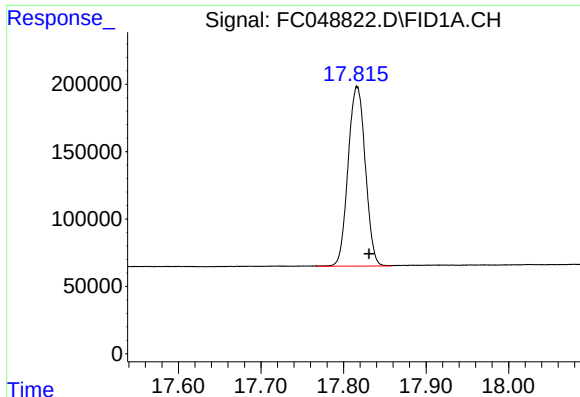
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: -0.009 min
Response: 2042366
Conc: 15.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: -0.012 min
Response: 1990222
Conc: 15.23 ug/ml



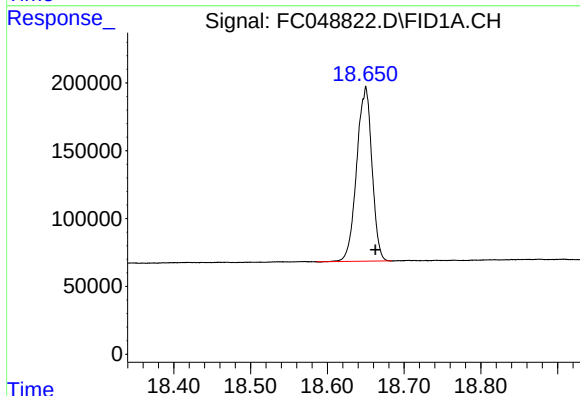
#17 n-Tricontane (C30)

R.T.: 17.815 min
Delta R.T.: -0.016 min
Response: 1931220
Conc: 15.02 ug/ml m

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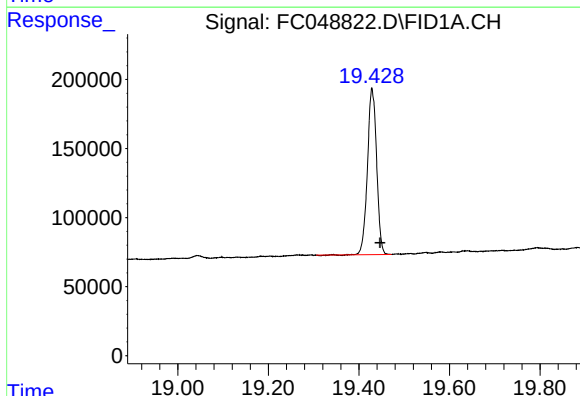
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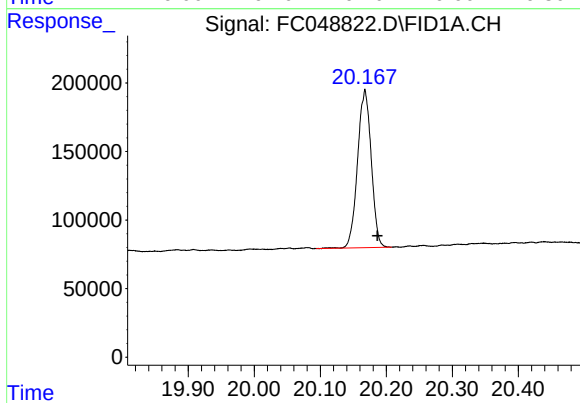
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: -0.012 min
Response: 1772362
Conc: 15.00 ug/ml



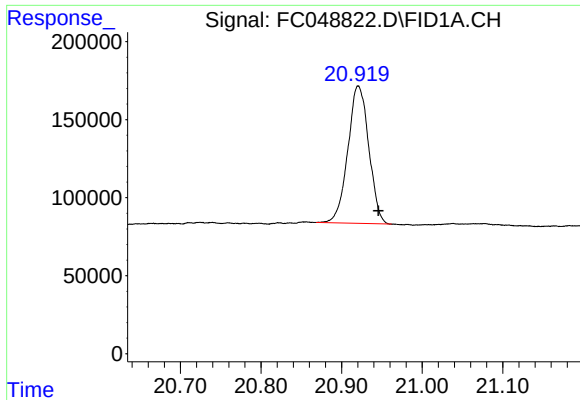
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: -0.018 min
Response: 1691801
Conc: 15.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.168 min
Delta R.T.: -0.019 min
Response: 1655833
Conc: 15.74 ug/ml



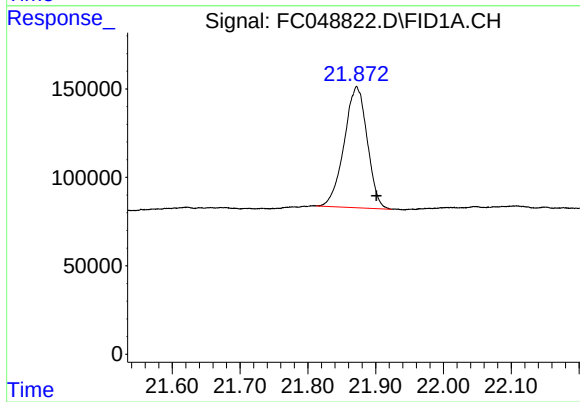
#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: -0.026 min
Response: 1587353
Conc: 16.17 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: -0.030 min
Response: 1615874
Conc: 16.63 ug/ml m