

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082820AL\
 Data File : FC049332.D
 Signal(s) : FID1A.CH
 Acq On : 29 Aug 2020 14:48
 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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 8/31/2020 1:17:20 PM

Integration File: autoint1.e
 Quant Time: Aug 31 02:35:41 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)	11.677	2673563	22.502 ug/ml
Spiked Amount 50.000		Recovery =	45.00%
12) S 1-chlorooctadecane (S...	13.109	2168401	22.290 ug/ml
Spiked Amount 50.000		Recovery =	44.58%
Target Compounds			
1) T n-Nonane (C9)	3.405	2345907	22.492 ug/ml
2) T n-Decane (C10)	4.481	2435196	23.217 ug/ml
3) T A~Naphthalene (C11.7)	6.081	2782062	23.524 ug/ml
4) T n-Dodecane (C12)	6.507	2520608	23.765 ug/ml
5) T A~2-methylnaphthalene...	7.140	2865975	23.770 ug/ml
6) T n-Tetradecane (C14)	8.306	2539930	24.119 ug/ml
7) T n-Hexadecane (C16)	9.909	2500130	23.819 ug/ml
8) T n-Octadecane (C18)	11.353	2583508	23.516 ug/ml
10) T n-Eicosane (C20)	12.662	2548974	22.906 ug/ml
11) T n-Heneicosane (C21)	13.276	2508789	22.458 ug/ml
13) T n-Docosane (C22)	13.861	2476028	22.029 ug/ml
14) T n-Tetracosane (C24)	14.964	2400061	21.111 ug/ml
15) T n-Hexacosane (C26)	15.984	2292945	20.040 ug/ml
16) T n-Octacosane (C28)	16.934	2240935	19.262 ug/ml
17) T n-Tricontane (C30)	17.820	2188876	18.935 ug/ml
18) T n-Dotriacontane (C32)	18.650	2027989	18.756 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1938434	18.689 ug/mlm
20) T n-Hexatriacontane (C36)	20.173	1869279	18.800 ug/mlm
21) T n-Octatriacontane (C38)	20.925	1802908	19.066 ug/mlm
22) T n-Tetracontane (C40)	21.878	1815963	19.022 ug/ml

(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

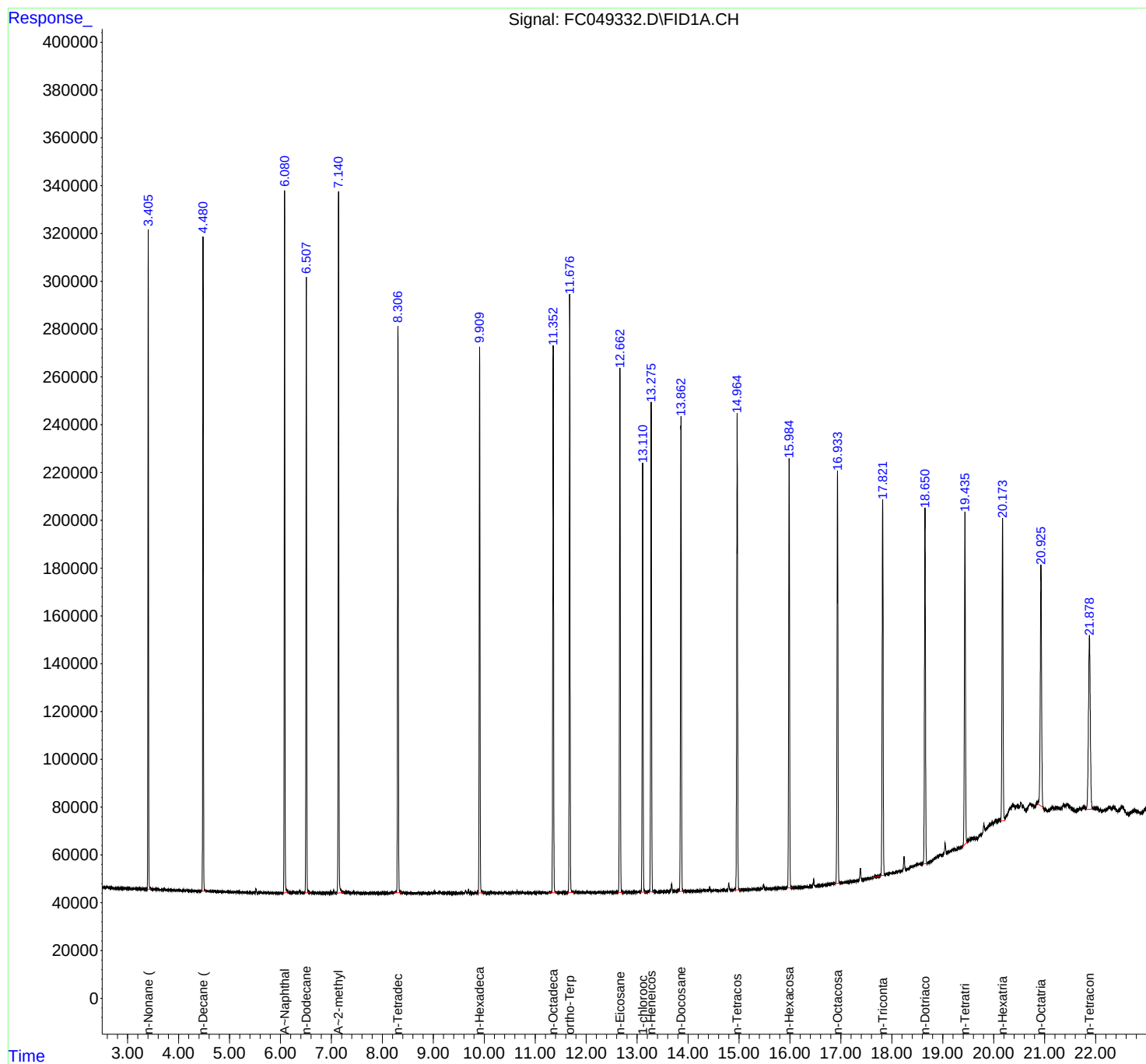
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

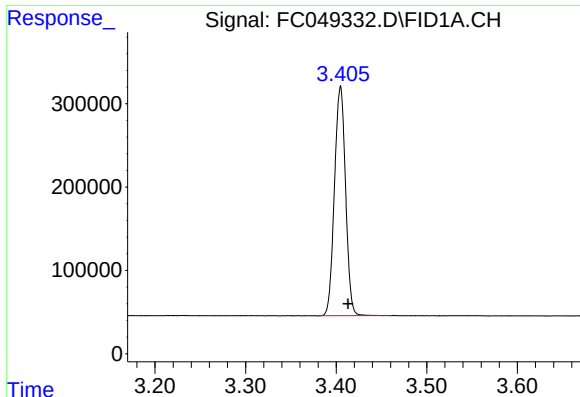
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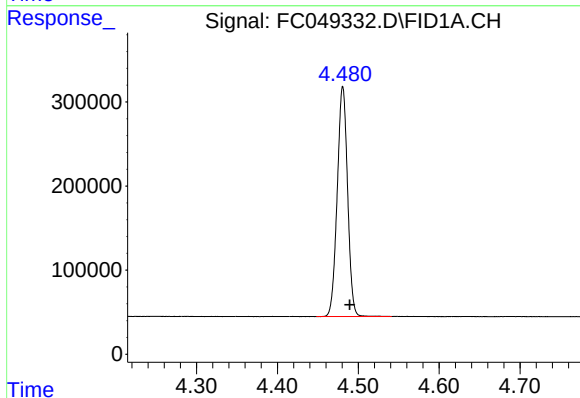
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: -0.008 min
Response: 2345907
Conc: 22.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

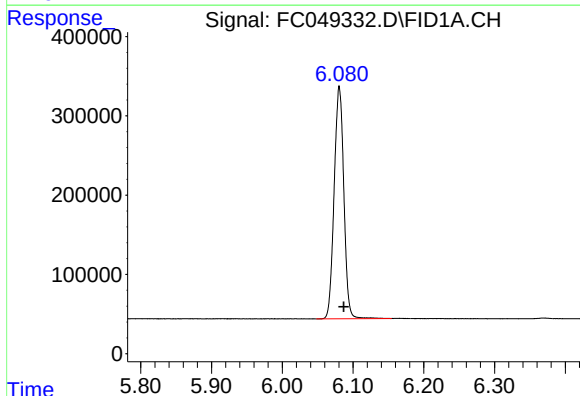
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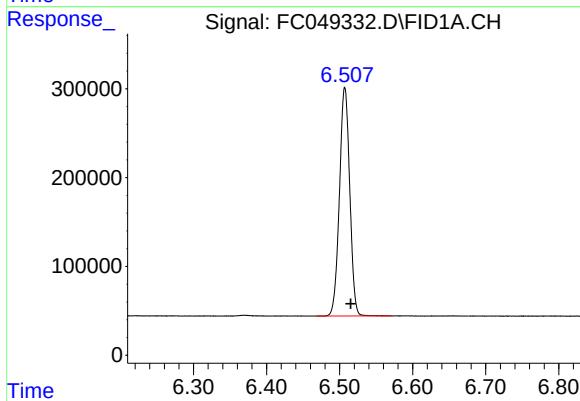
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.009 min
Response: 2435196
Conc: 23.22 ug/ml



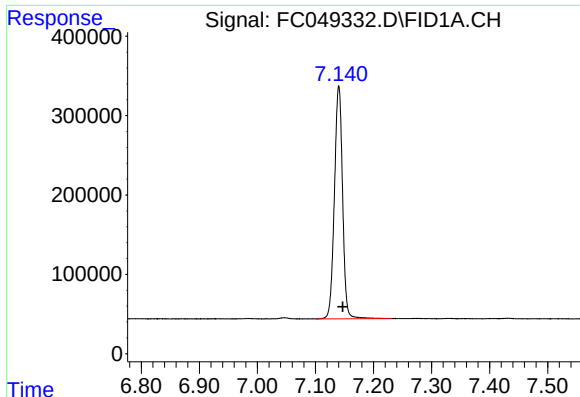
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 2782062
Conc: 23.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 2520608
Conc: 23.76 ug/ml



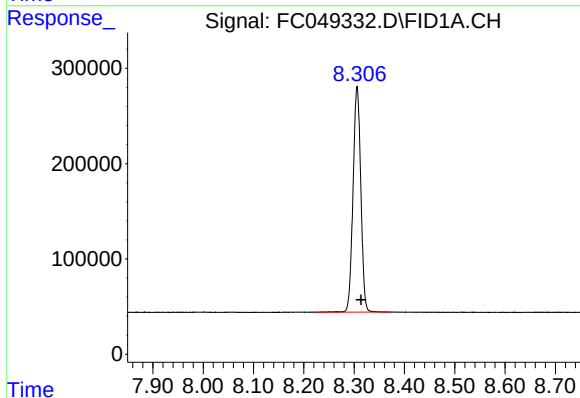
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 2865975
Conc: 23.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

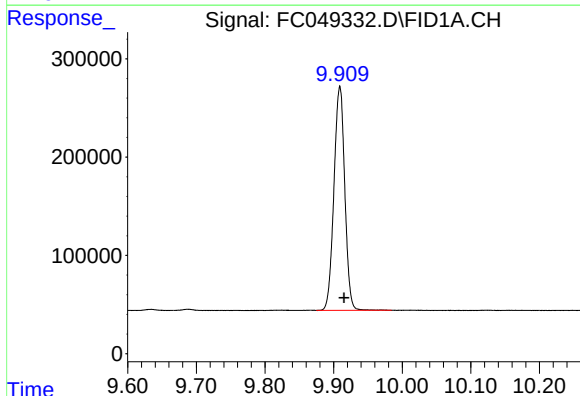
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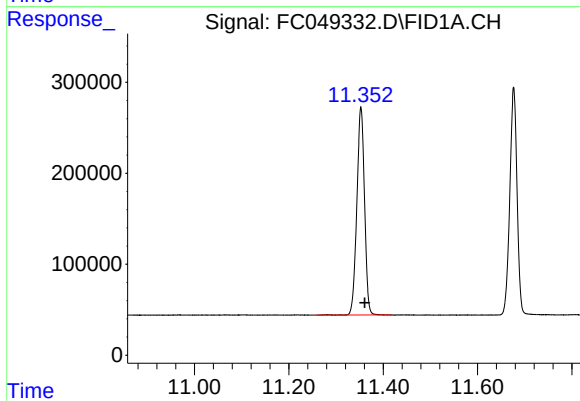
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 2539930
Conc: 24.12 ug/ml



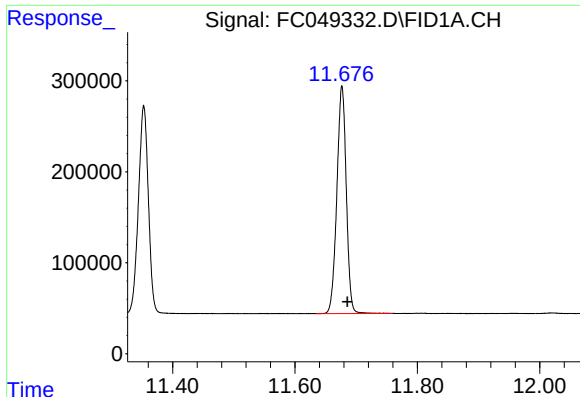
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.006 min
Response: 2500130
Conc: 23.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.008 min
Response: 2583508
Conc: 23.52 ug/ml



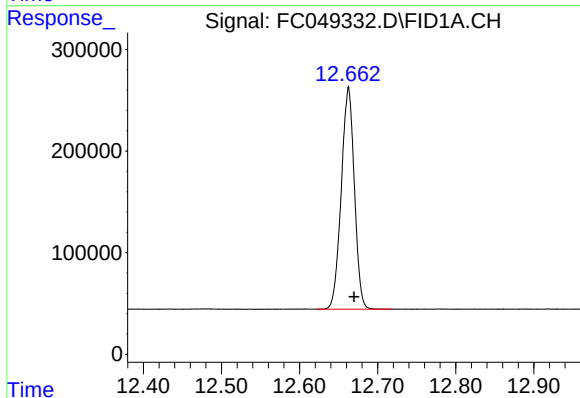
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: -0.009 min
Response: 2673563
Conc: 22.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

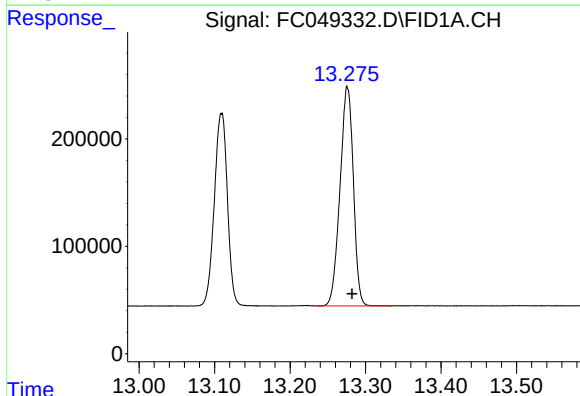
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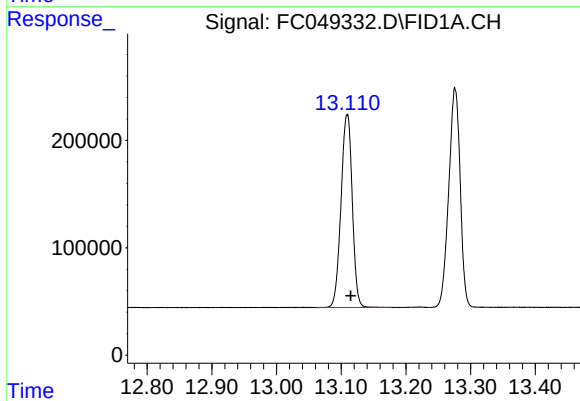
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: -0.007 min
Response: 2548974
Conc: 22.91 ug/ml



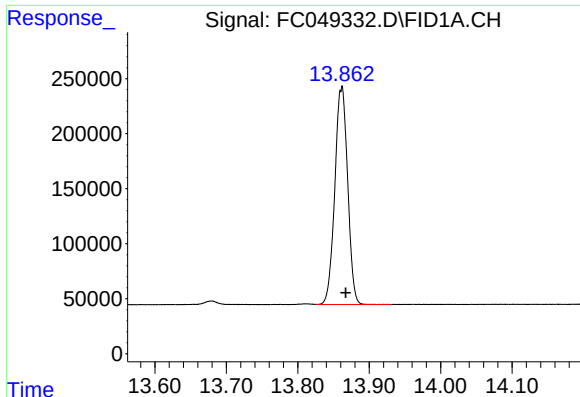
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.006 min
Response: 2508789
Conc: 22.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.006 min
Response: 2168401
Conc: 22.29 ug/ml



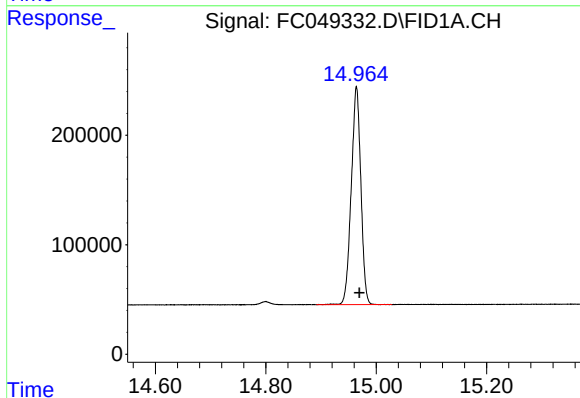
#13 n-Docosane (C22)

R.T.: 13.861 min
Delta R.T.: -0.006 min
Response: 2476028
Conc: 22.03 ug/ml

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20 PPM ALIPHATIC HC STD

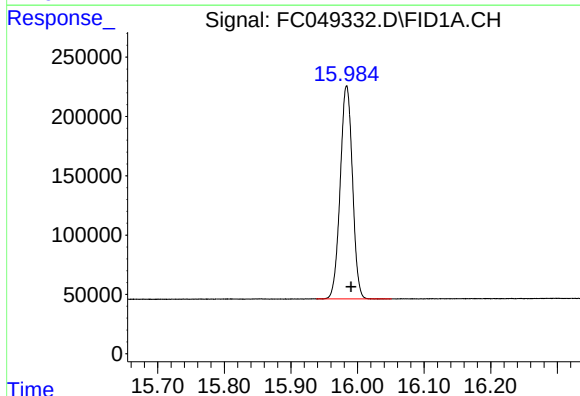
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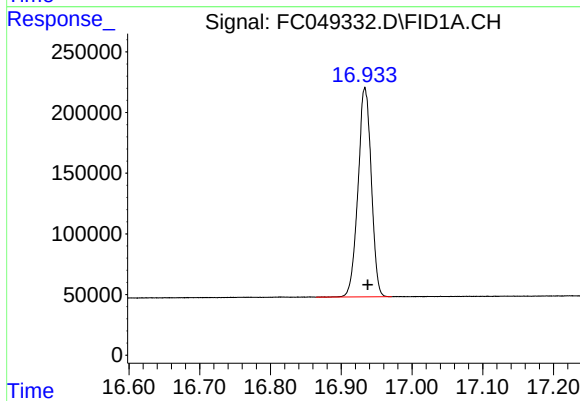
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.005 min
Response: 2400061
Conc: 21.11 ug/ml



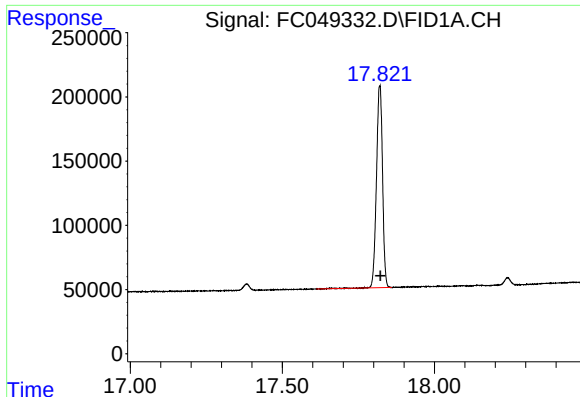
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: -0.007 min
Response: 2292945
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.934 min
Delta R.T.: -0.004 min
Response: 2240935
Conc: 19.26 ug/ml



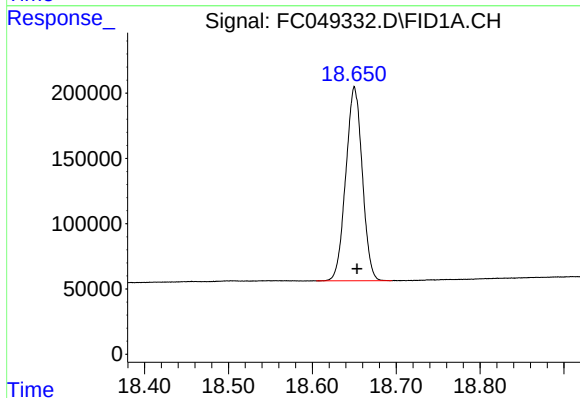
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: -0.003 min
Response: 2188876
Conc: 18.94 ug/ml

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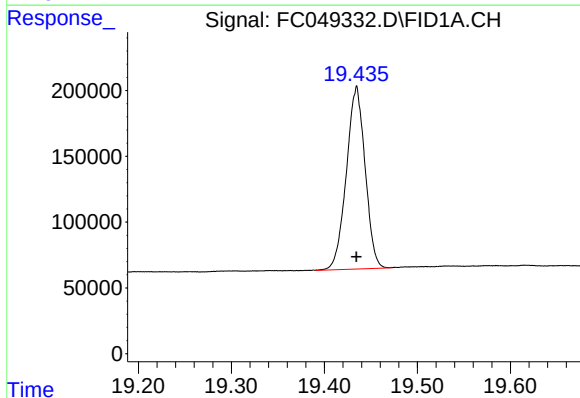
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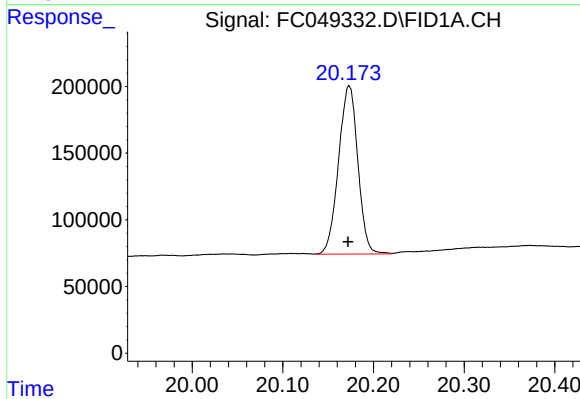
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: -0.003 min
Response: 2027989
Conc: 18.76 ug/ml



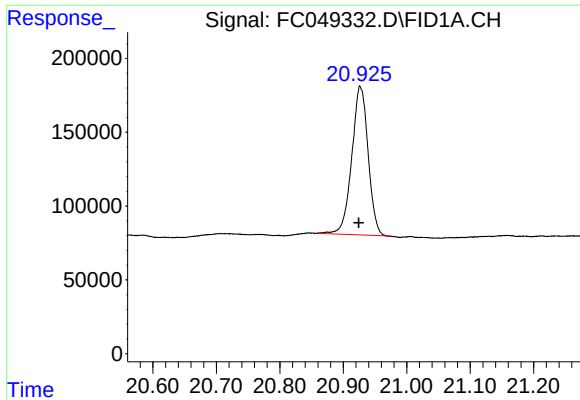
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 1938434
Conc: 18.69 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.173 min
Delta R.T.: 0.000 min
Response: 1869279
Conc: 18.80 ug/ml m



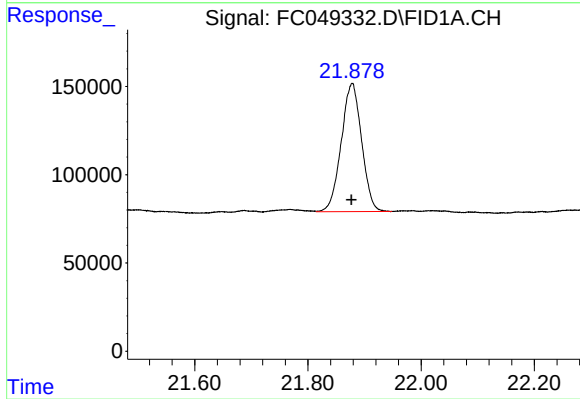
#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: 0.001 min
Response: 1802908
Conc: 19.07 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.878 min
Delta R.T.: 0.000 min
Response: 1815963
Conc: 19.02 ug/ml