

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013120AL\
 Data File : FC045615.D
 Signal(s) : FID1A.CH
 Acq On : 01 Feb 2020 9:17
 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

Integration File: autoint1.e
 Quant Time: Feb 03 00:09:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.765	2120634	19.291 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
12) S 1-chlorooctadecane (S...	13.184	1627770	18.722 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T n-Nonane (C9)	3.518	2094829	21.658 ug/ml
2) T n-Decane (C10)	4.594	2109723	21.783 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2267102	21.226 ug/ml
4) T n-Dodecane (C12)	6.611	2103185	21.514 ug/ml
5) T A~2-methylnaphthalene...	7.252	2273664	21.211 ug/ml
6) T n-Tetradecane (C14)	8.400	2066892	20.974 ug/ml
7) T n-Hexadecane (C16)	9.995	2035811	20.335 ug/ml
8) T n-Octadecane (C18)	11.432	2009479	19.729 ug/ml
10) T n-Eicosane (C20)	12.737	1965882	19.169 ug/ml
11) T n-Heneicosane (C21)	13.347	1942466	18.766 ug/ml
13) T n-Docosane (C22)	13.932	1906645	18.479 ug/ml
14) T n-Tetracosane (C24)	15.033	1868048	17.977 ug/ml
15) T n-Hexacosane (C26)	16.050	1821317	17.629 ug/ml
16) T n-Octacosane (C28)	16.998	1791546	17.528 ug/ml
17) T n-Tricontane (C30)	17.883	1741692	17.742 ug/ml
18) T n-Dotriacontane (C32)	18.713	1507823	18.121 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1305798	18.452 ug/ml
20) T n-Hexatriacontane (C36)	20.230	1214102	18.935 ug/ml
21) T n-Octatriacontane (C38)	20.996	1131917	19.353 ug/ml
22) T n-Tetracontane (C40)	21.966	1147182	19.447 ug/ml

(f)=RT Delta > 1/2 Window

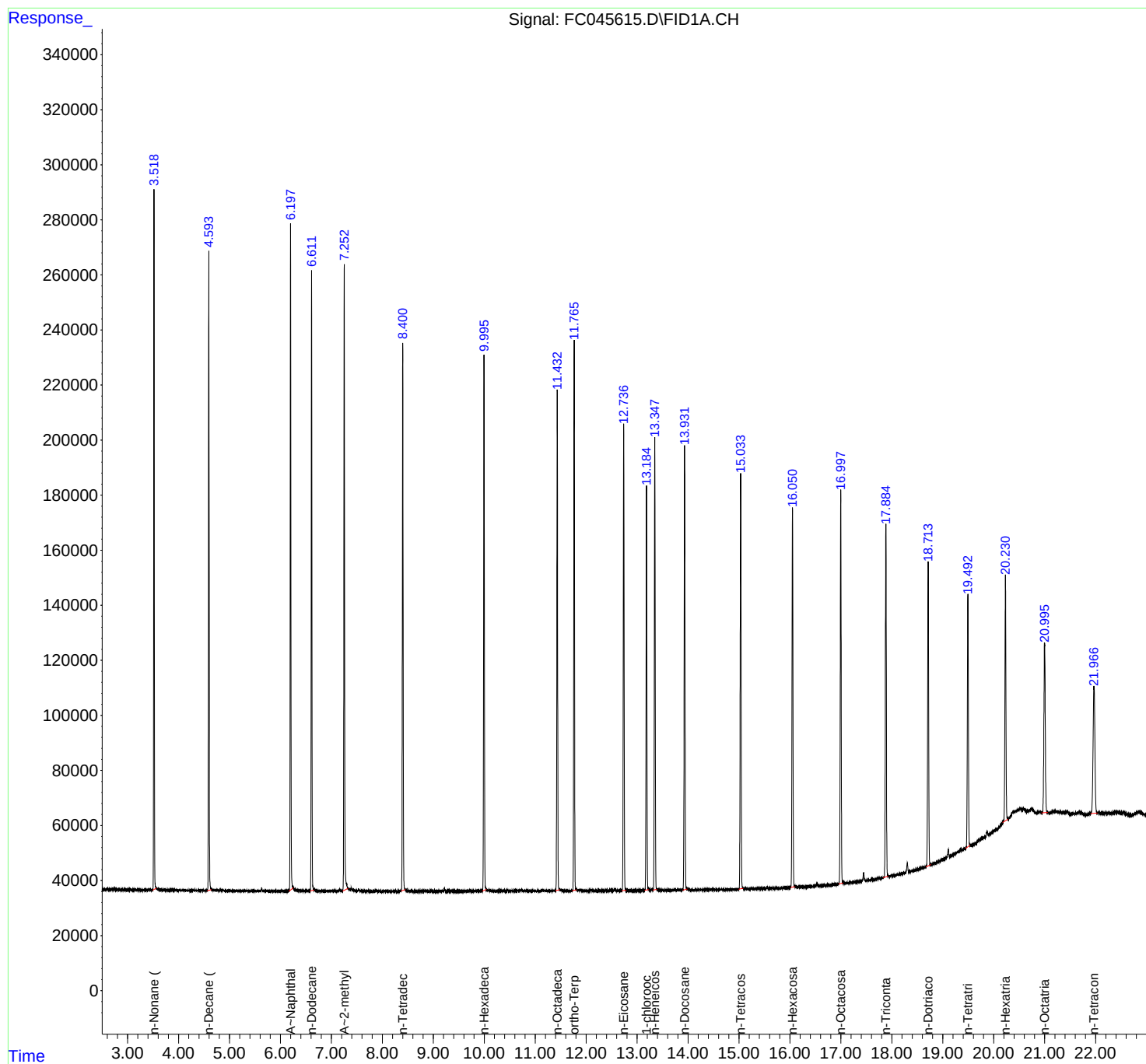
(m)=manual int.

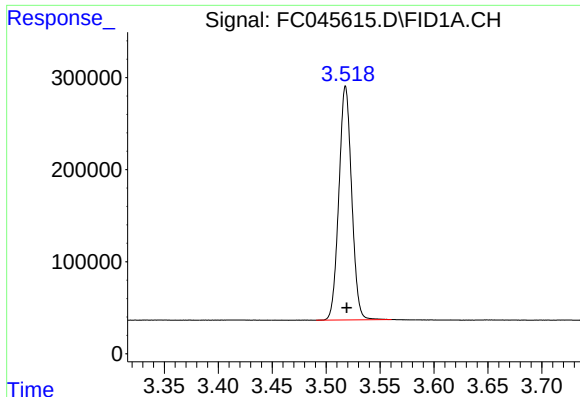
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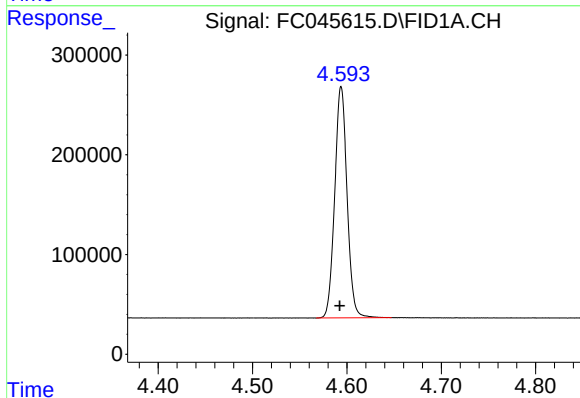




#1 n-Nonane (C9)

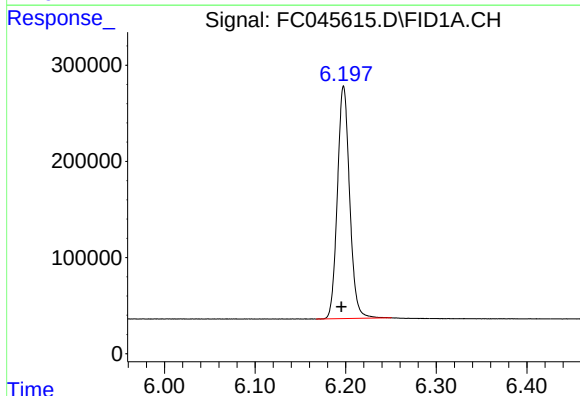
R.T.: 3.518 min
Delta R.T.: 0.000 min
Response: 2094829
Conc: 21.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



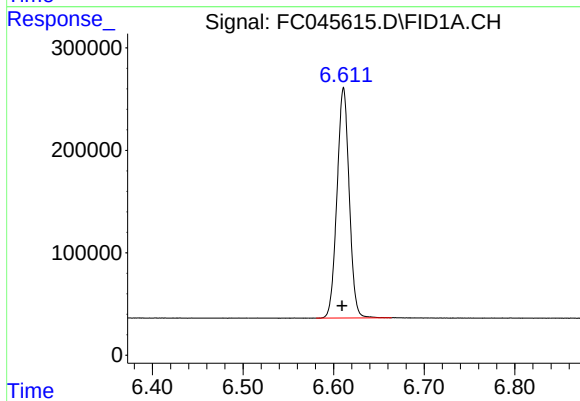
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: 0.002 min
Response: 2109723
Conc: 21.78 ug/ml



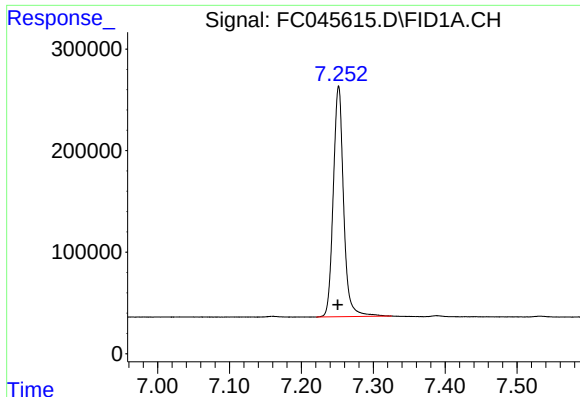
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 2267102
Conc: 21.23 ug/ml



#4 n-Dodecane (C12)

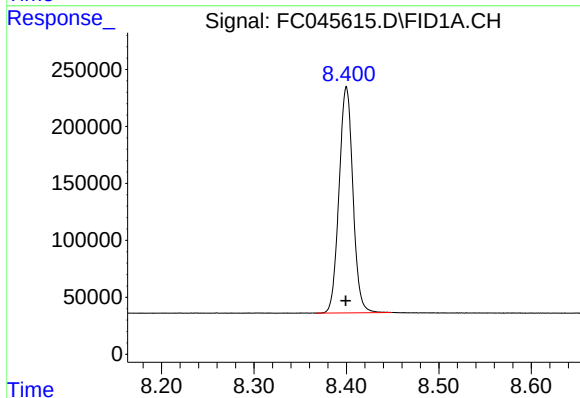
R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 2103185
Conc: 21.51 ug/ml



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

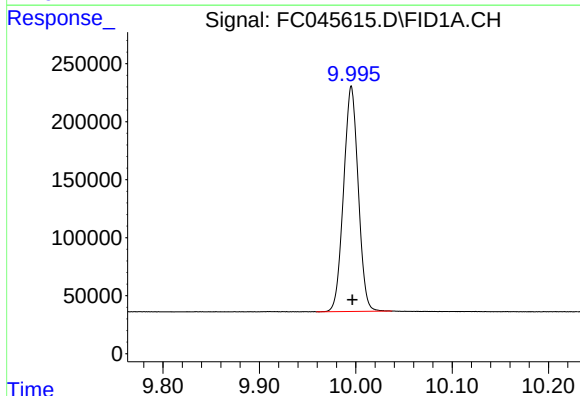
R.T.: 7.252 min
Delta R.T.: 0.001 min
Response: 2273664
Conc: 21.21 ug/ml

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20 PPM ALIPHATIC HC STD



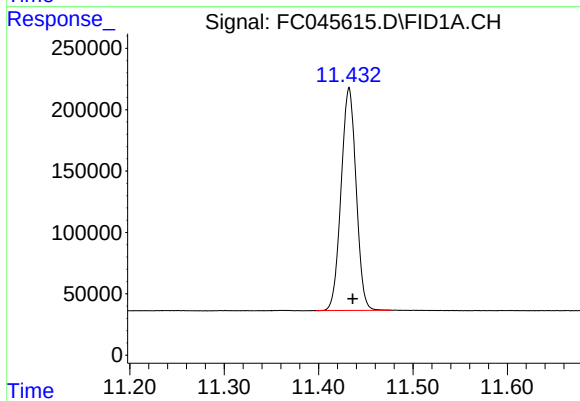
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2066892
Conc: 20.97 ug/ml



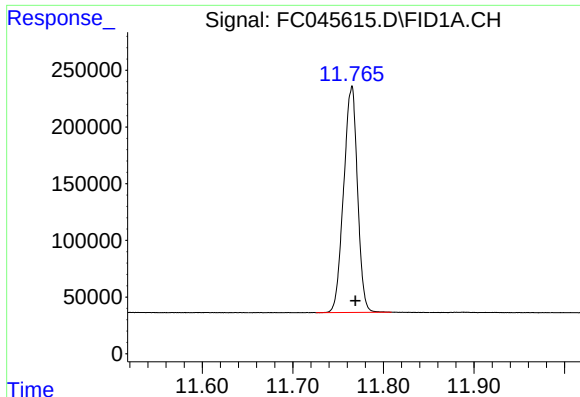
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 2035811
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

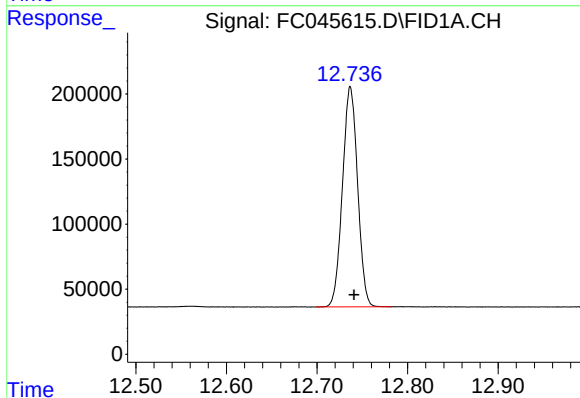
R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 2009479
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

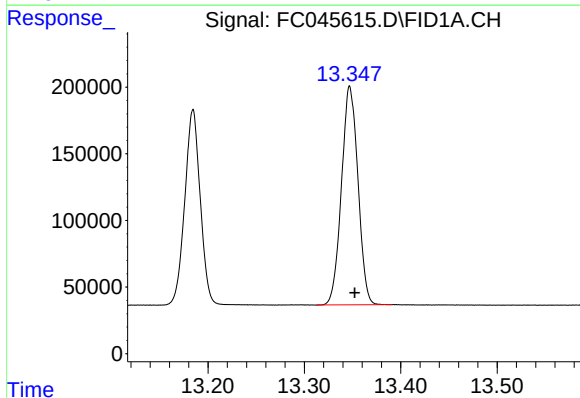
R.T.: 11.765 min
Delta R.T.: -0.004 min
Response: 2120634
Conc: 19.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



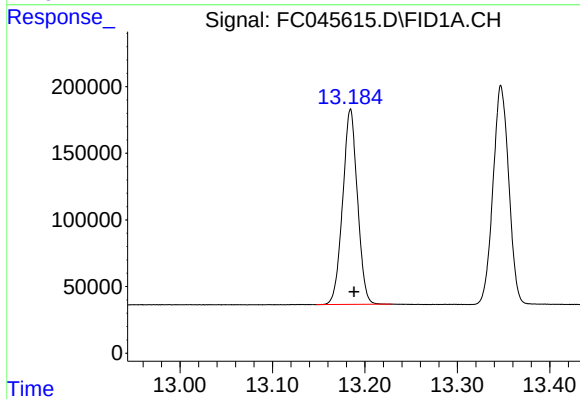
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.004 min
Response: 1965882
Conc: 19.17 ug/ml



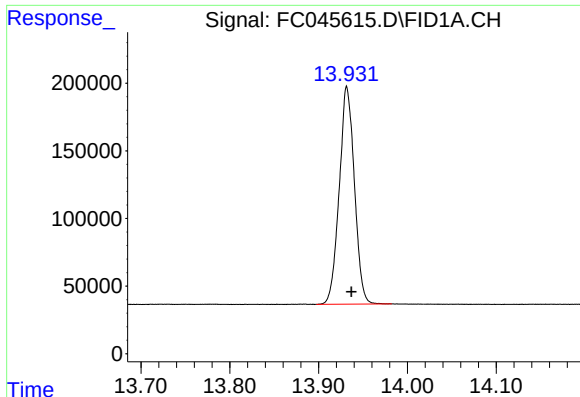
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.005 min
Response: 1942466
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

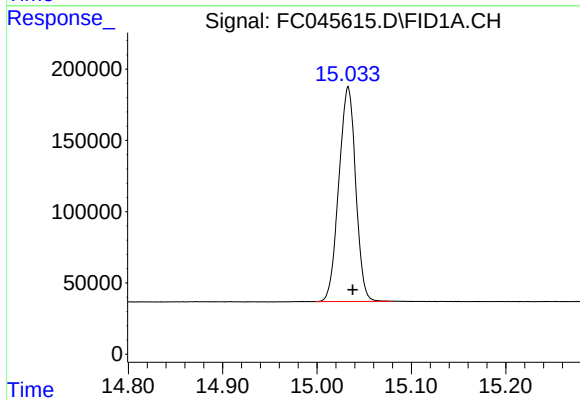
R.T.: 13.184 min
Delta R.T.: -0.004 min
Response: 1627770
Conc: 18.72 ug/ml



#13 n-Docosane (C22)

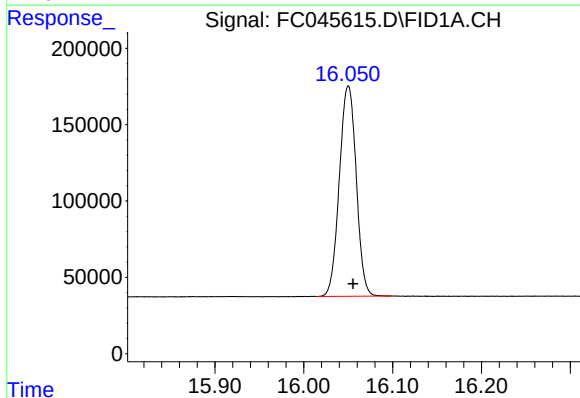
R.T.: 13.932 min
Delta R.T.: -0.005 min
Response: 1906645
Conc: 18.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



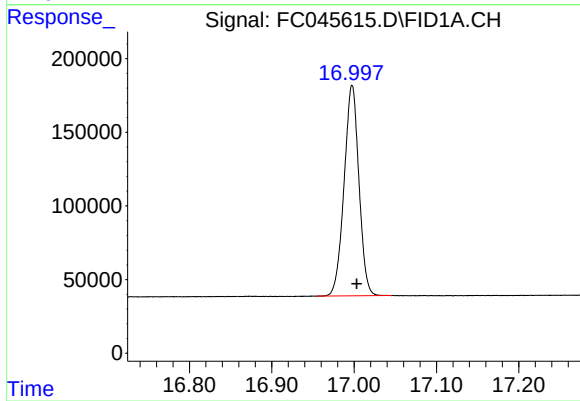
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: -0.005 min
Response: 1868048
Conc: 17.98 ug/ml



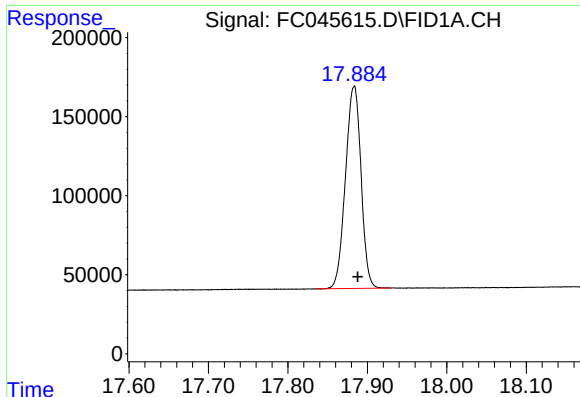
#15 n-Hexacosane (C26)

R.T.: 16.050 min
Delta R.T.: -0.005 min
Response: 1821317
Conc: 17.63 ug/ml



#16 n-Octacosane (C28)

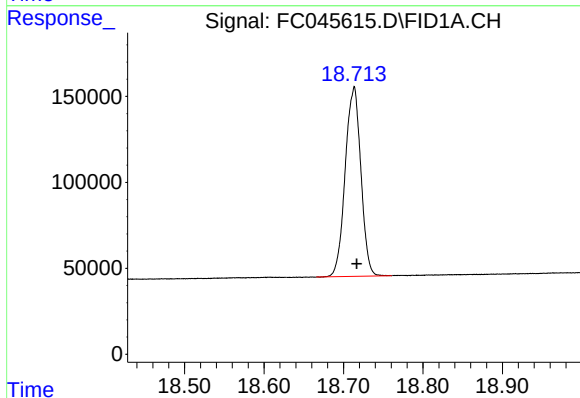
R.T.: 16.998 min
Delta R.T.: -0.006 min
Response: 1791546
Conc: 17.53 ug/ml



#17 n-Tricontane (C30)

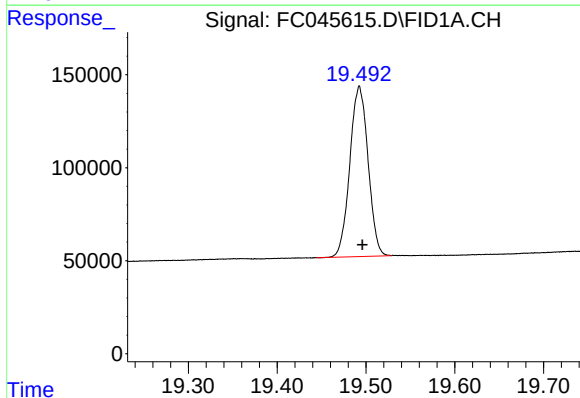
R.T.: 17.883 min
Delta R.T.: -0.005 min
Response: 1741692
Conc: 17.74 ug/ml

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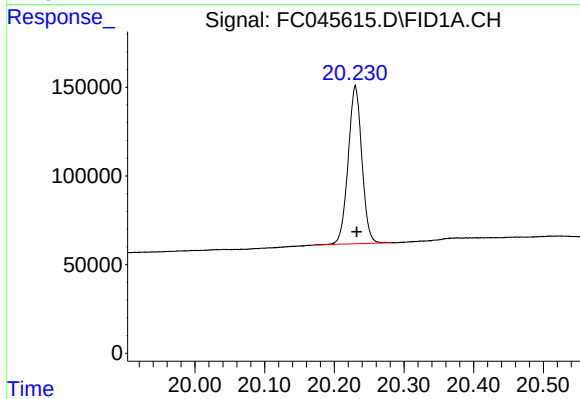
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: -0.003 min
Response: 1507823
Conc: 18.12 ug/ml



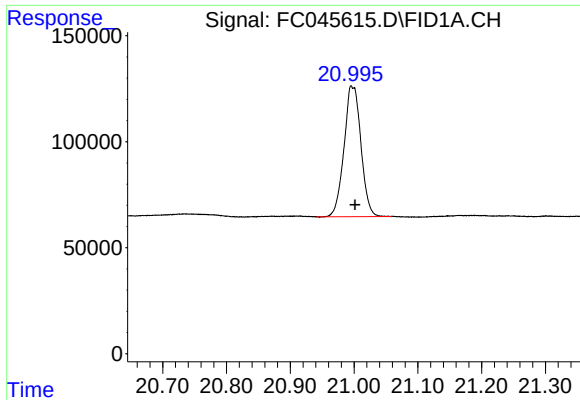
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.004 min
Response: 1305798
Conc: 18.45 ug/ml



#20 n-Hexatriacontane (C36)

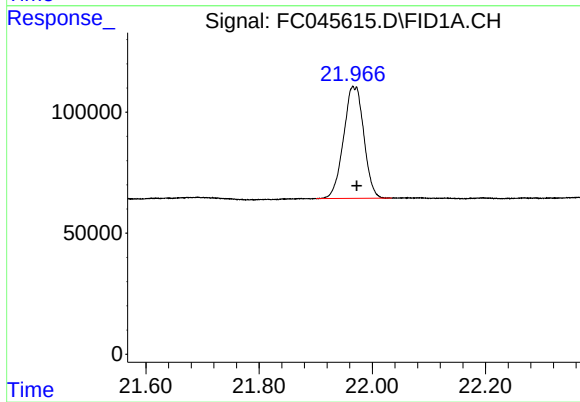
R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 1214102
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: -0.005 min
Response: 1131917
Conc: 19.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.007 min
Response: 1147182
Conc: 19.45 ug/ml