

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040720AL\
 Data File : FC046697.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2020 14:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 08 01:00:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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	2197833	20.105 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.181	1704199	19.775 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T n-Nonane (C9)	3.545	2171589	22.612 ug/ml
2) T n-Decane (C10)	4.613	2187679	22.778 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2282659	22.782 ug/ml
4) T n-Dodecane (C12)	6.621	2204202	22.582 ug/ml
5) T A~2-methylnaphthalene...	7.265	2286993	22.621 ug/ml
6) T n-Tetradecane (C14)	8.405	2164806	21.985 ug/ml
7) T n-Hexadecane (C16)	9.997	2144438	21.480 ug/ml
8) T n-Octadecane (C18)	11.431	2104097	20.731 ug/ml
10) T n-Eicosane (C20)	12.734	2060329	20.154 ug/ml
11) T n-Heneicosane (C21)	13.343	2045537	19.839 ug/ml
13) T n-Docosane (C22)	13.927	2011297	19.593 ug/ml
14) T n-Tetracosane (C24)	15.025	1987287	19.252 ug/ml
15) T n-Hexacosane (C26)	16.042	1937673	18.886 ug/ml
16) T n-Octacosane (C28)	16.987	1897728	18.646 ug/ml
17) T n-Tricontane (C30)	17.871	1836637	18.746 ug/ml
18) T n-Dotriacontane (C32)	18.699	1569927	18.725 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1383933	19.316 ug/ml
20) T n-Hexatriacontane (C36)	20.213	1328157	18.959 ug/mlm
21) T n-Octatriacontane (C38)	20.982	1322472	20.957 ug/ml
22) T n-Tetracontane (C40)	21.941	1330082	19.221 ug/mlm

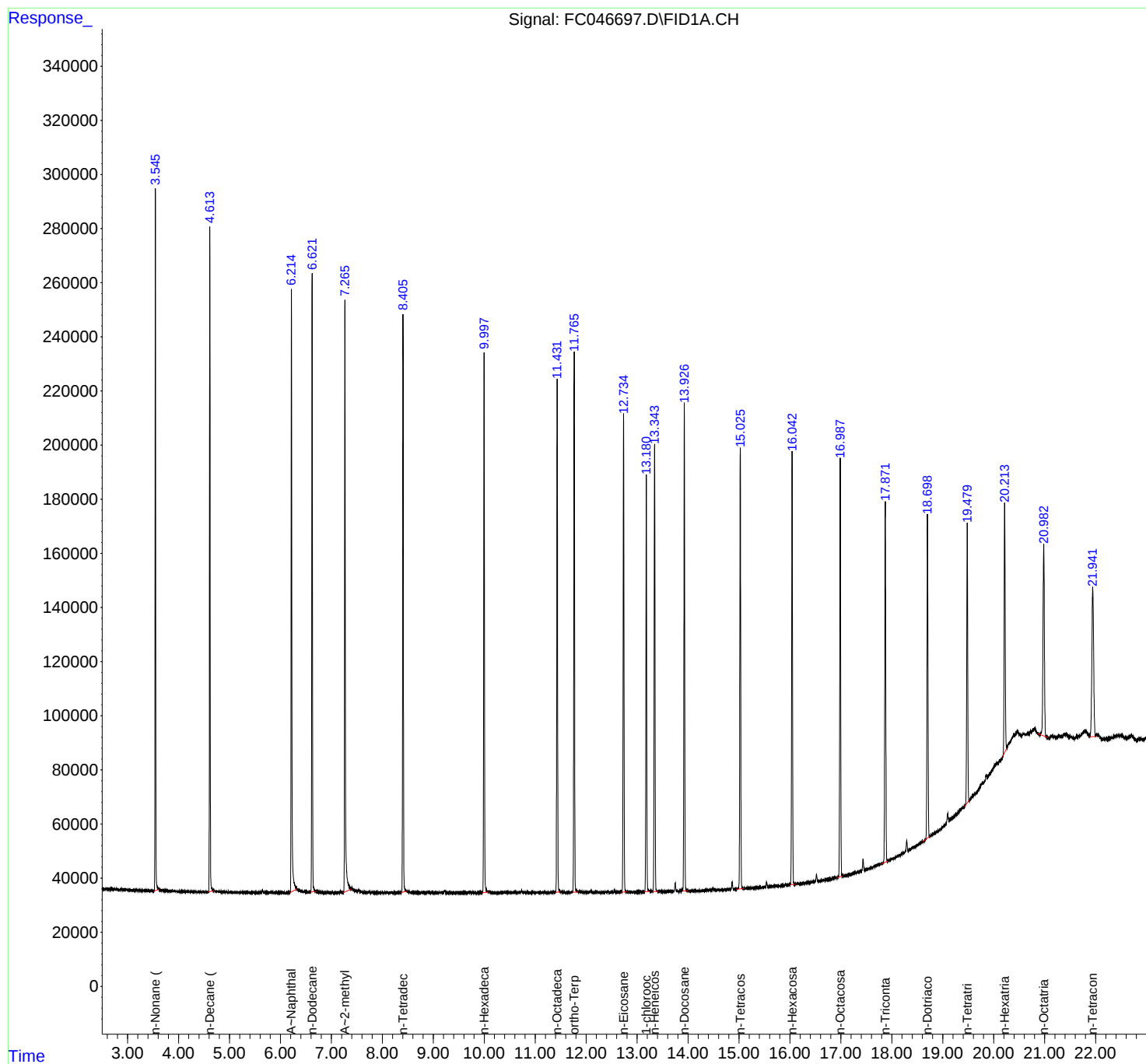
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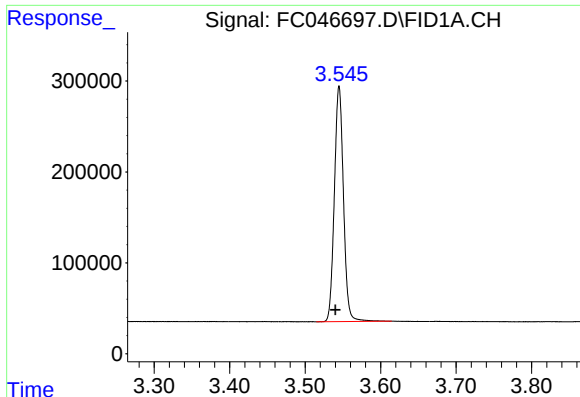
(m)=manual int.

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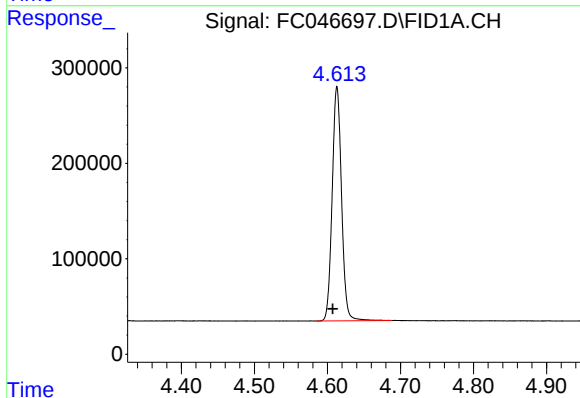
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





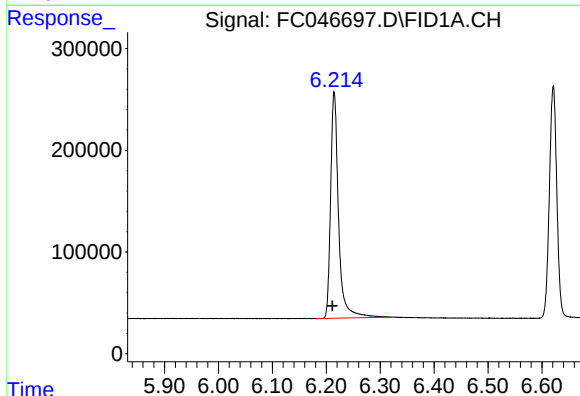
#1 n-Nonane (C9)

R.T.: 3.545 min
Delta R.T.: 0.005 min
Response: 2171589
Conc: 22.61 ug/ml



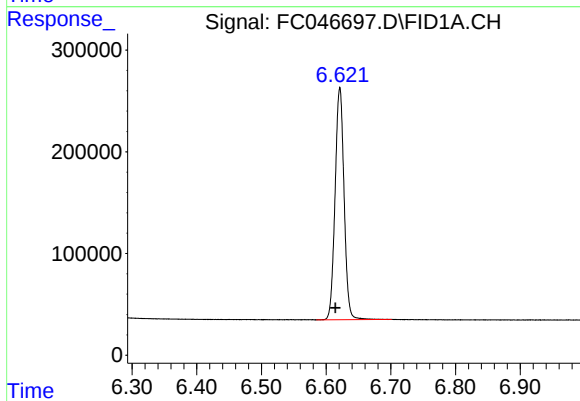
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: 0.006 min
Response: 2187679
Conc: 22.78 ug/ml



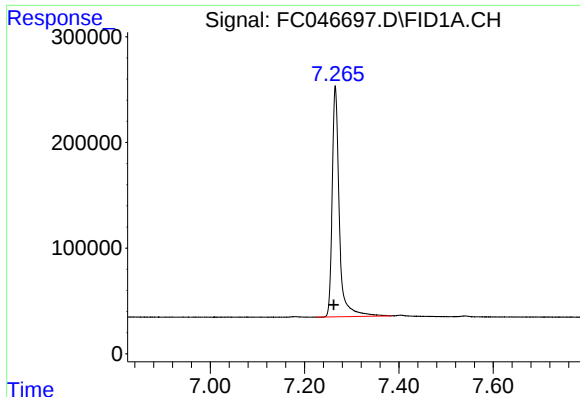
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 2282659
Conc: 22.78 ug/ml



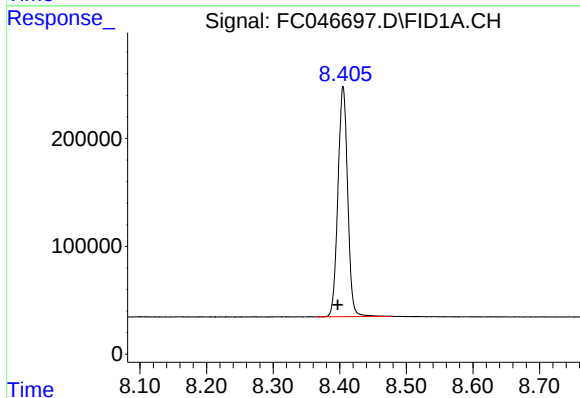
#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.007 min
Response: 2204202
Conc: 22.58 ug/ml



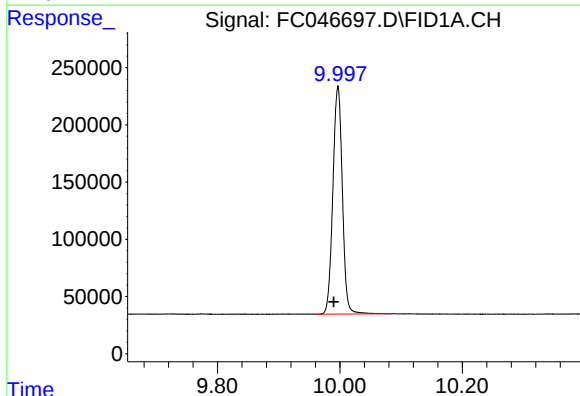
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.004 min
Response: 2286993
Conc: 22.62 ug/ml



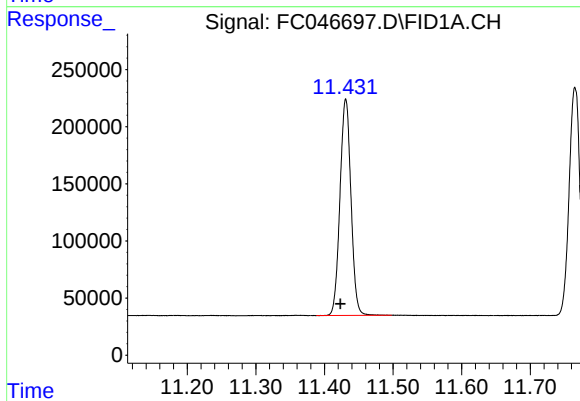
#6 n-Tetradecane (C14)

R.T.: 8.405 min
Delta R.T.: 0.008 min
Response: 2164806
Conc: 21.98 ug/ml



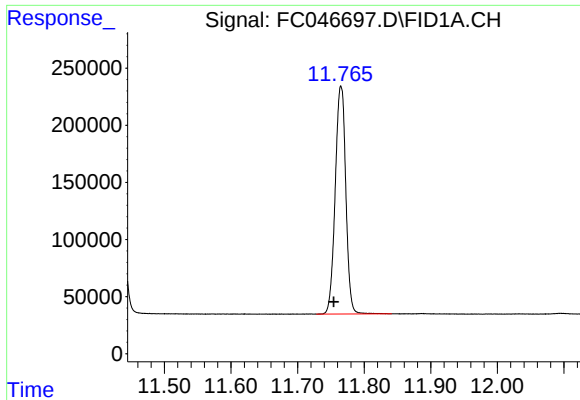
#7 n-Hexadecane (C16)

R.T.: 9.997 min
Delta R.T.: 0.007 min
Response: 2144438
Conc: 21.48 ug/ml



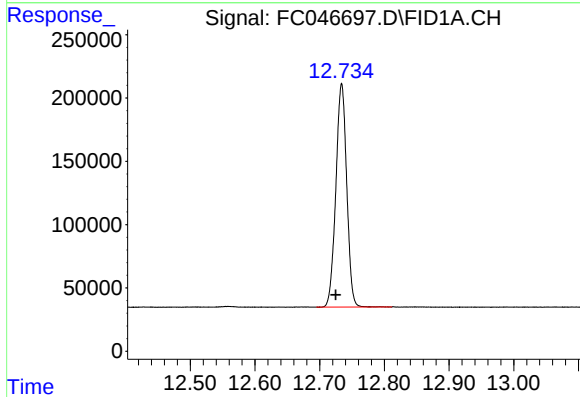
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: 0.008 min
Response: 2104097
Conc: 20.73 ug/ml



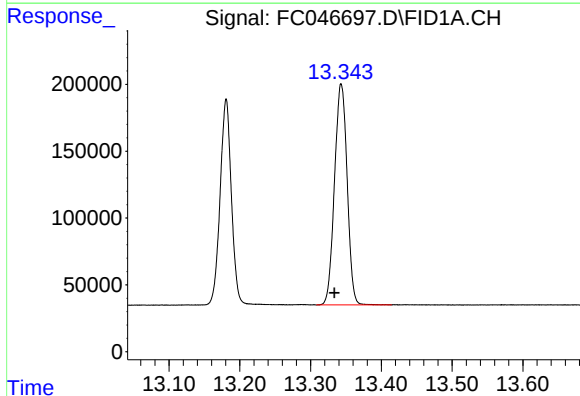
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min
Delta R.T.: 0.011 min
Response: 2197833
Conc: 20.11 ug/ml



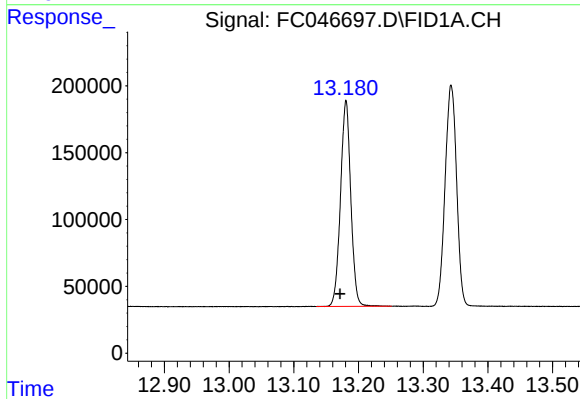
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: 0.009 min
Response: 2060329
Conc: 20.15 ug/ml



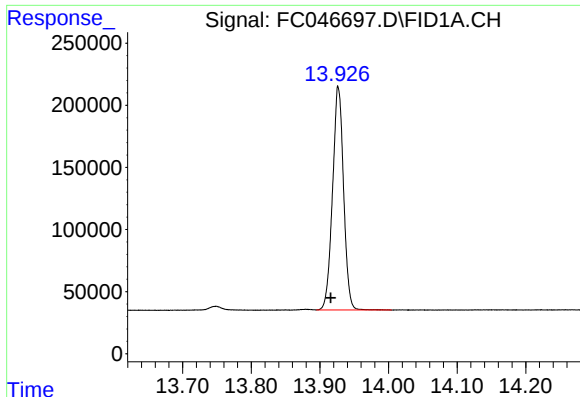
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: 0.010 min
Response: 2045537
Conc: 19.84 ug/ml



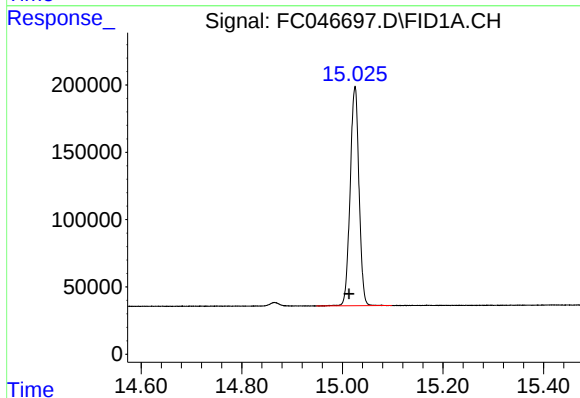
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: 0.009 min
Response: 1704199
Conc: 19.78 ug/ml



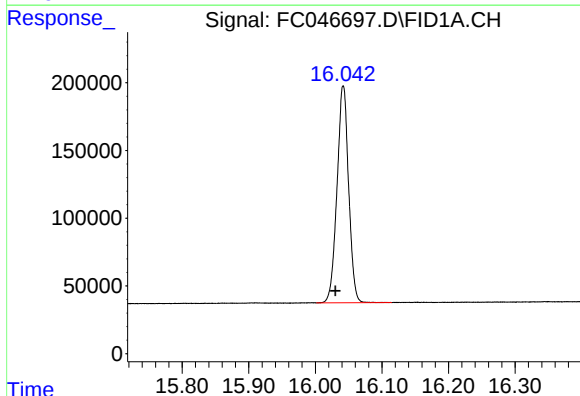
#13 n-Docosane (C22)

R.T.: 13.927 min
Delta R.T.: 0.011 min
Response: 2011297
Conc: 19.59 ug/ml



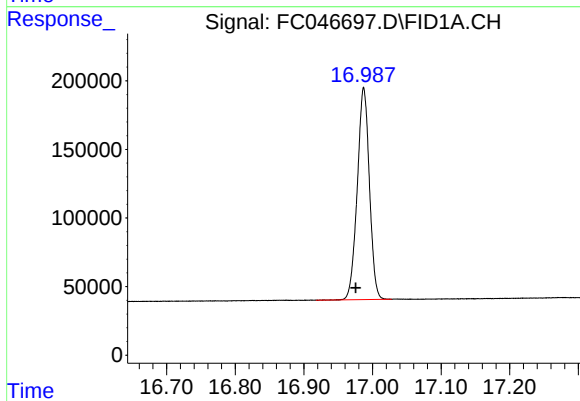
#14 n-Tetracosane (C24)

R.T.: 15.025 min
Delta R.T.: 0.012 min
Response: 1987287
Conc: 19.25 ug/ml



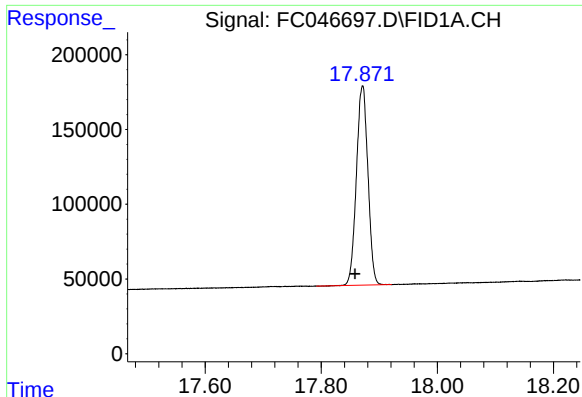
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: 0.012 min
Response: 1937673
Conc: 18.89 ug/ml



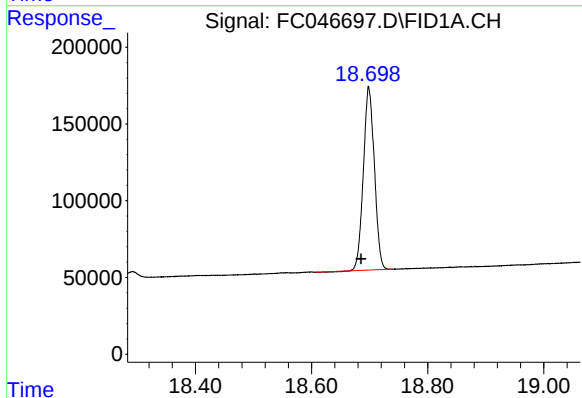
#16 n-Octacosane (C28)

R.T.: 16.987 min
Delta R.T.: 0.012 min
Response: 1897728
Conc: 18.65 ug/ml



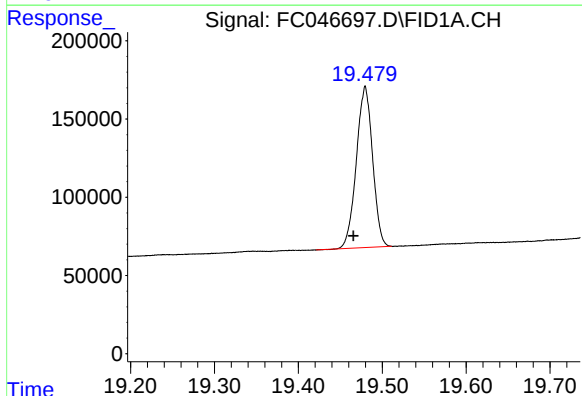
#17 n-Tricontane (C30)

R.T.: 17.871 min
Delta R.T.: 0.013 min
Response: 1836637
Conc: 18.75 ug/ml



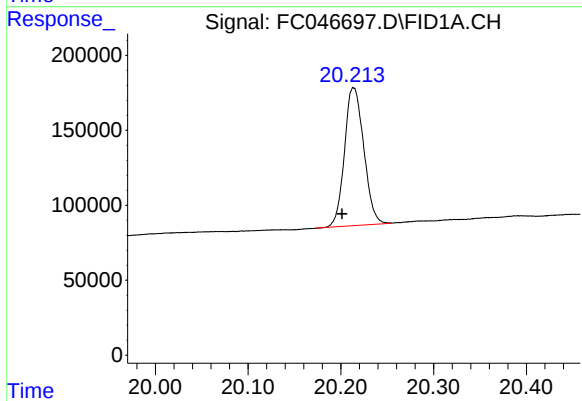
#18 n-Dotriacontane (C32)

R.T.: 18.699 min
Delta R.T.: 0.013 min
Response: 1569927
Conc: 18.73 ug/ml



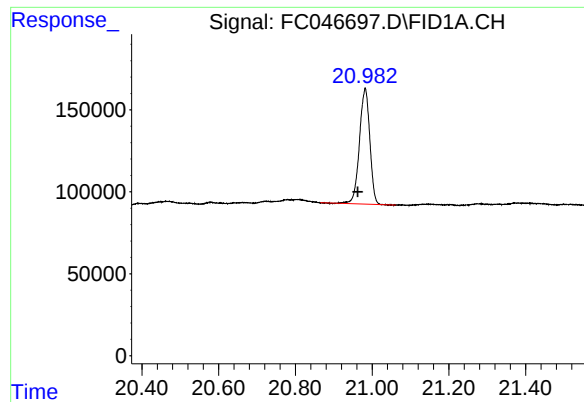
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: 0.014 min
Response: 1383933
Conc: 19.32 ug/ml



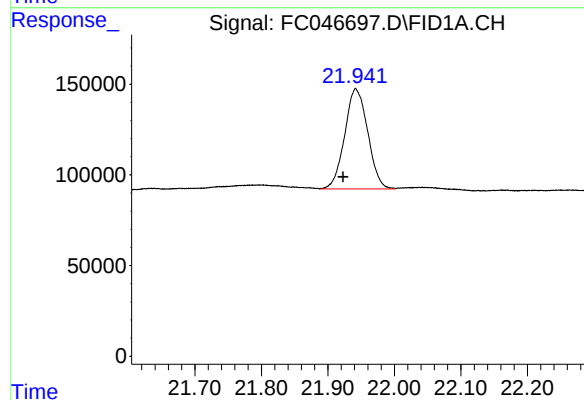
#20 n-Hexatriacontane (C36)

R.T.: 20.213 min
Delta R.T.: 0.011 min
Response: 1328157
Conc: 18.96 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.982 min
Delta R.T.: 0.019 min
Response: 1322472
Conc: 20.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: 0.018 min
Response: 1330082
Conc: 19.22 ug/ml m