

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041620AL\
 Data File : FC046857.D
 Signal(s) : FID1A.CH
 Acq On : 16 Apr 2020 14:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 17 00:41:17 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)	11.761	2035959	18.625 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
12) S 1-chlorooctadecane (S...	13.176	1581716	18.354 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
Target Compounds			
1) T n-Nonane (C9)	3.549	1956865	20.376 ug/ml
2) T n-Decane (C10)	4.616	2003905	20.864 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2082461	20.784 ug/ml
4) T n-Dodecane (C12)	6.622	2030441	20.802 ug/ml
5) T A~2-methylnaphthalene...	7.266	2083673	20.610 ug/ml
6) T n-Tetradecane (C14)	8.404	2003915	20.351 ug/ml
7) T n-Hexadecane (C16)	9.994	1989121	19.924 ug/ml
8) T n-Octadecane (C18)	11.427	1966886	19.379 ug/ml
10) T n-Eicosane (C20)	12.729	1918927	18.770 ug/ml
11) T n-Heneicosane (C21)	13.339	1906562	18.491 ug/ml
13) T n-Docosane (C22)	13.923	1869020	18.207 ug/ml
14) T n-Tetracosane (C24)	15.019	1825531	17.685 ug/ml
15) T n-Hexacosane (C26)	16.035	1780041	17.349 ug/ml
16) T n-Octacosane (C28)	16.981	1754399	17.238 ug/ml
17) T n-Tricontane (C30)	17.862	1714308	17.498 ug/ml
18) T n-Dotriacontane (C32)	18.690	1494229	17.822 ug/ml
19) T n-Tetratriacontane (C34)	19.471	1327967	18.535 ug/ml
20) T n-Hexatriacontane (C36)	20.206	1273886	18.184 ug/mlm
21) T n-Octatriacontane (C38)	20.969	1260140	19.970 ug/mlm
22) T n-Tetracontane (C40)	21.933	1287307	18.603 ug/ml

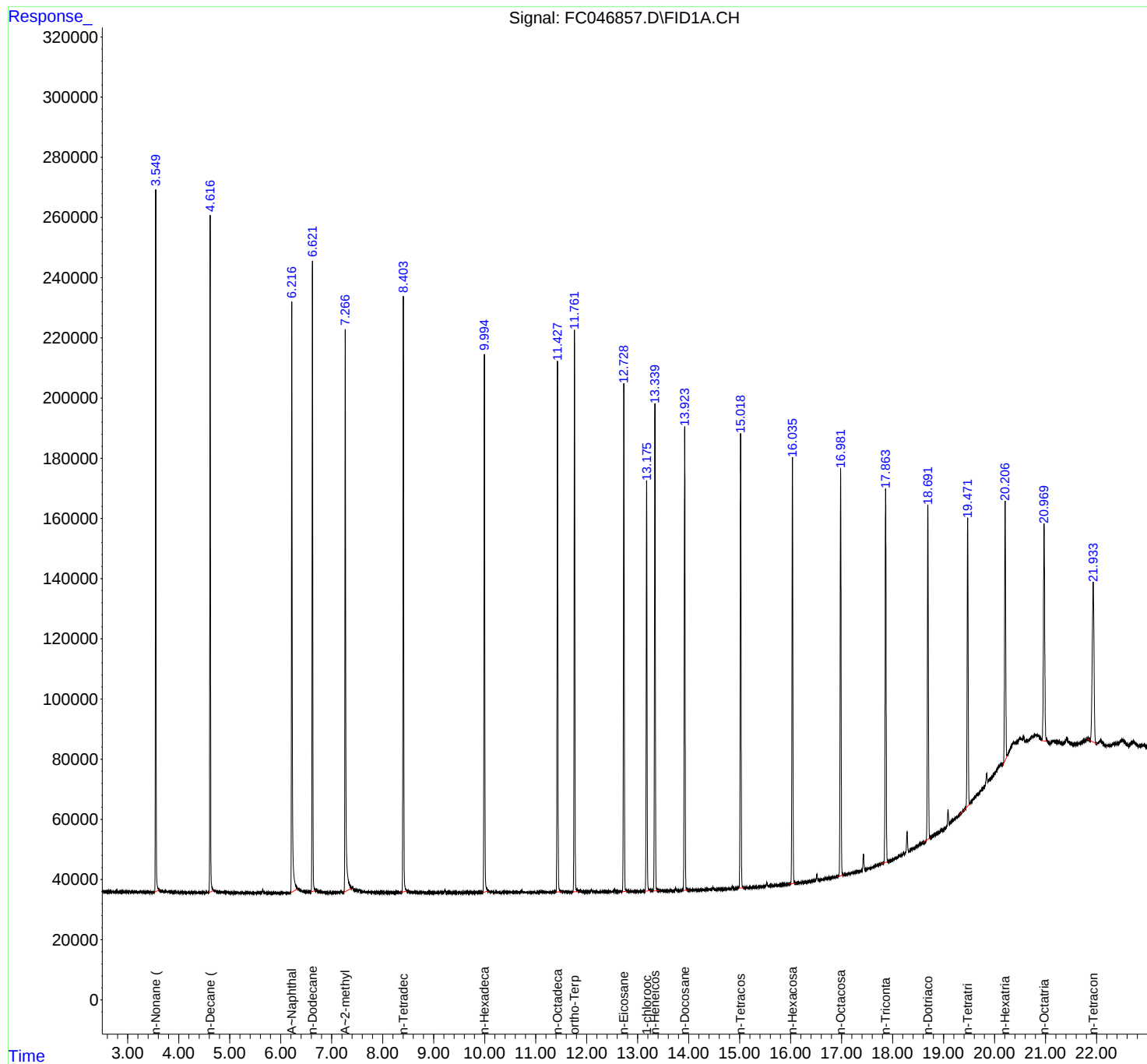
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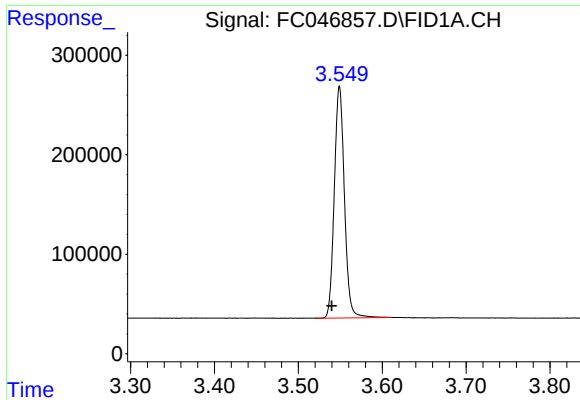
(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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QLast Update : Tue Mar 24 12:45:07 2020
Response via : Initial Calibration
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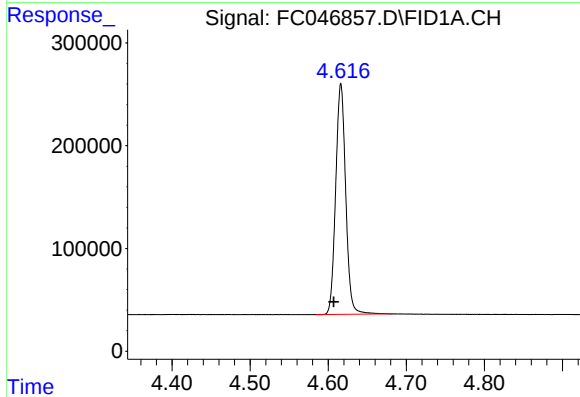
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





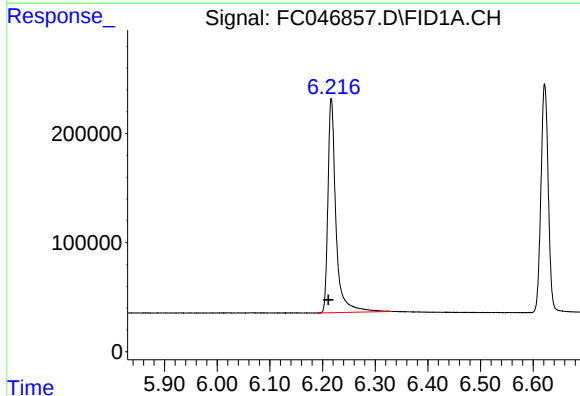
#1 n-Nonane (C9)

R.T.: 3.549 min
Delta R.T.: 0.009 min
Response: 1956865
Conc: 20.38 ug/ml



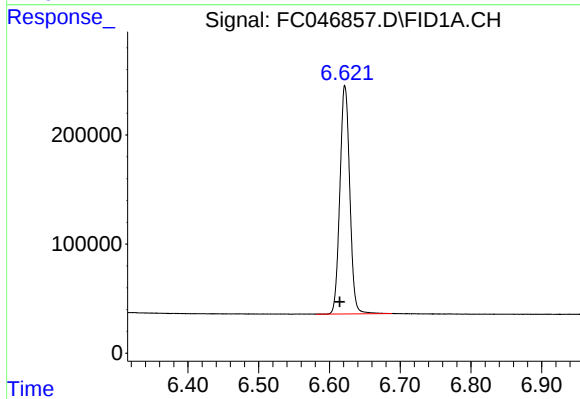
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.009 min
Response: 2003905
Conc: 20.86 ug/ml



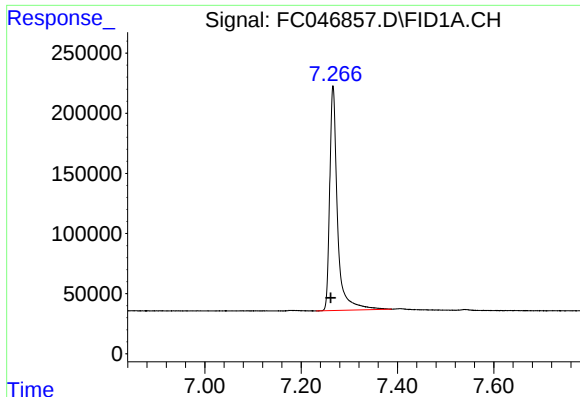
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.006 min
Response: 2082461
Conc: 20.78 ug/ml



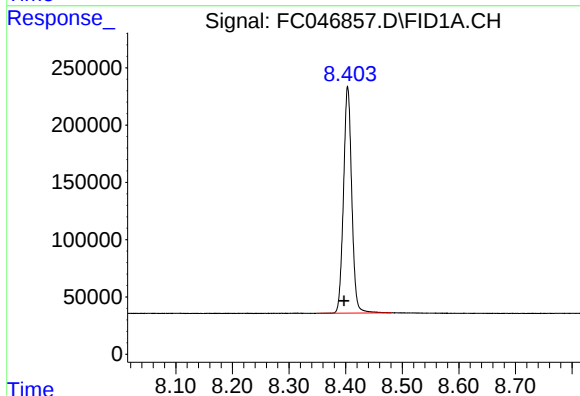
#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: 0.007 min
Response: 2030441
Conc: 20.80 ug/ml



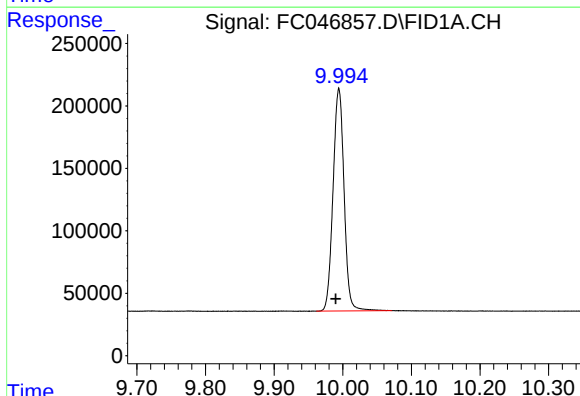
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: 0.004 min
Response: 2083673
Conc: 20.61 ug/ml



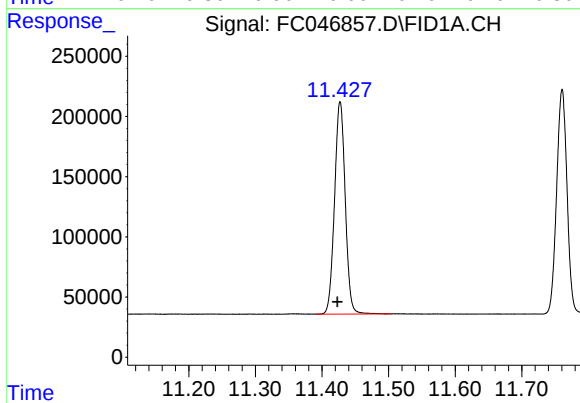
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.007 min
Response: 2003915
Conc: 20.35 ug/ml



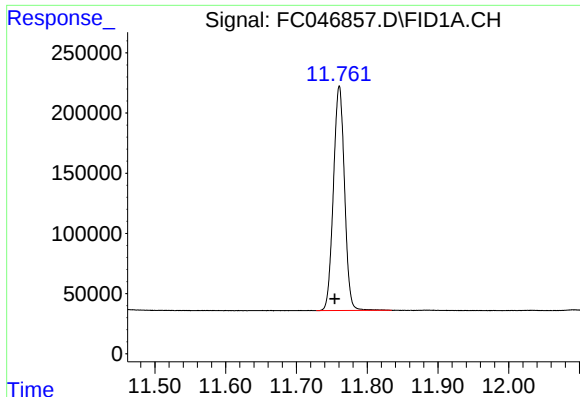
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: 0.004 min
Response: 1989121
Conc: 19.92 ug/ml



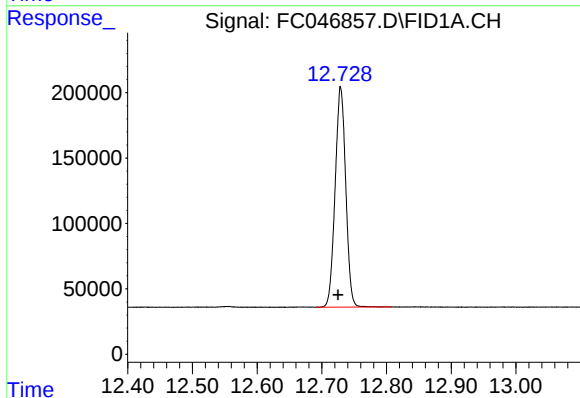
#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: 0.004 min
Response: 1966886
Conc: 19.38 ug/ml



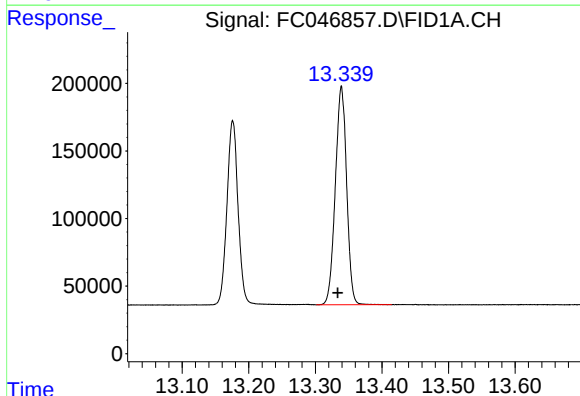
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: 0.006 min
Response: 2035959
Conc: 18.62 ug/ml



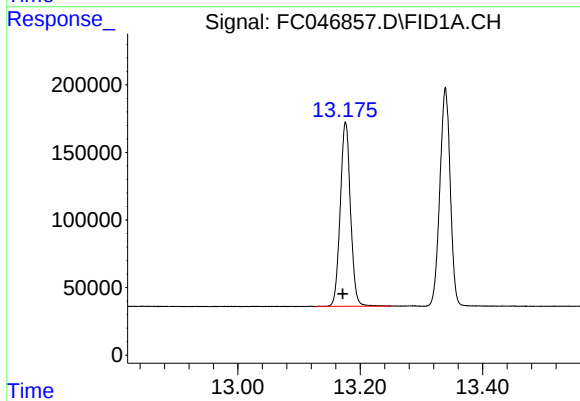
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: 0.004 min
Response: 1918927
Conc: 18.77 ug/ml



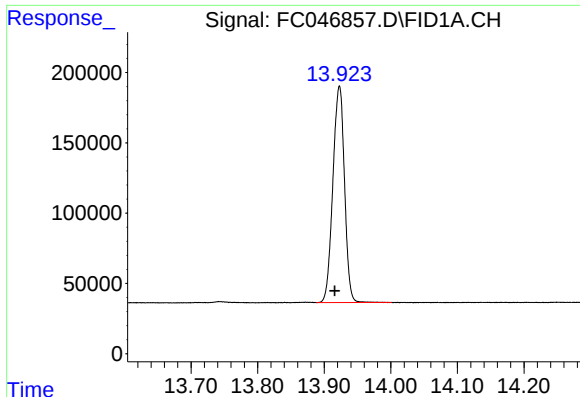
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: 0.005 min
Response: 1906562
Conc: 18.49 ug/ml



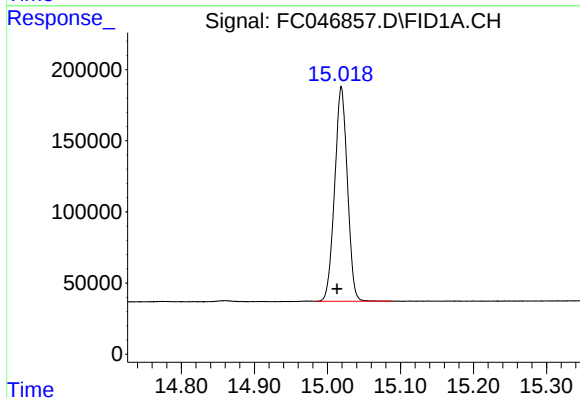
#12 1-chlorooctadecane (SURR)

R.T.: 13.176 min
Delta R.T.: 0.005 min
Response: 1581716
Conc: 18.35 ug/ml



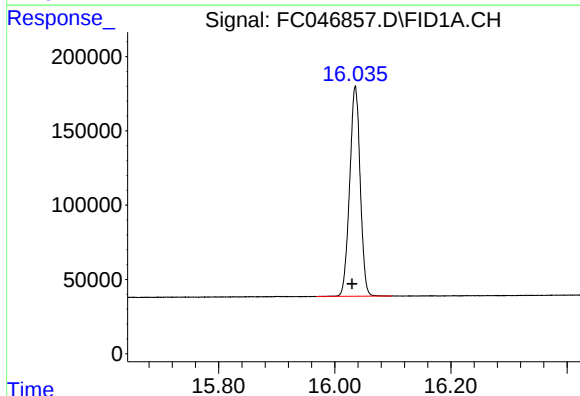
#13 n-Docosane (C22)

R.T.: 13.923 min
Delta R.T.: 0.007 min
Response: 1869020
Conc: 18.21 ug/ml



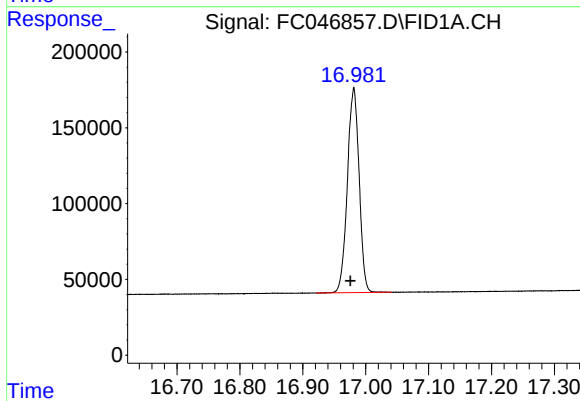
#14 n-Tetracosane (C24)

R.T.: 15.019 min
Delta R.T.: 0.006 min
Response: 1825531
Conc: 17.68 ug/ml



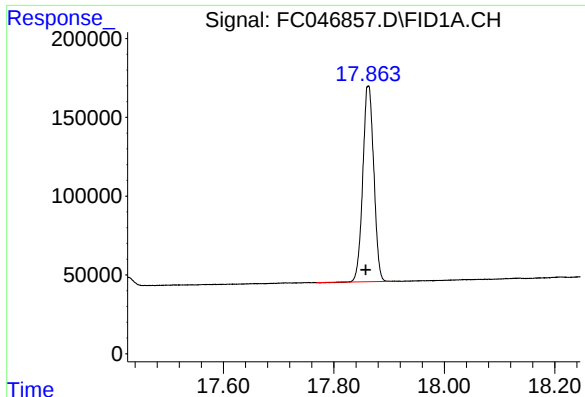
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.005 min
Response: 1780041
Conc: 17.35 ug/ml



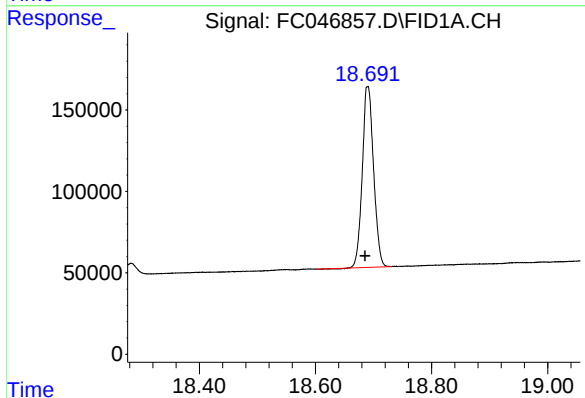
#16 n-Octacosane (C28)

R.T.: 16.981 min
Delta R.T.: 0.005 min
Response: 1754399
Conc: 17.24 ug/ml



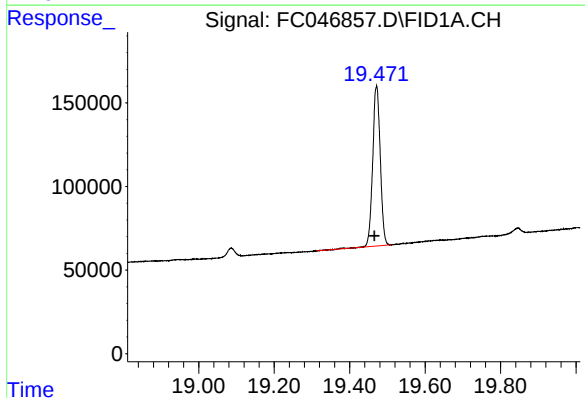
#17 n-Tricontane (C30)

R.T.: 17.862 min
Delta R.T.: 0.004 min
Response: 1714308
Conc: 17.50 ug/ml



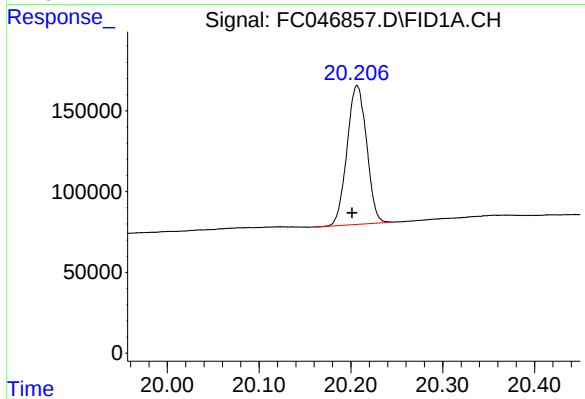
#18 n-Dotriacontane (C32)

R.T.: 18.690 min
Delta R.T.: 0.005 min
Response: 1494229
Conc: 17.82 ug/ml



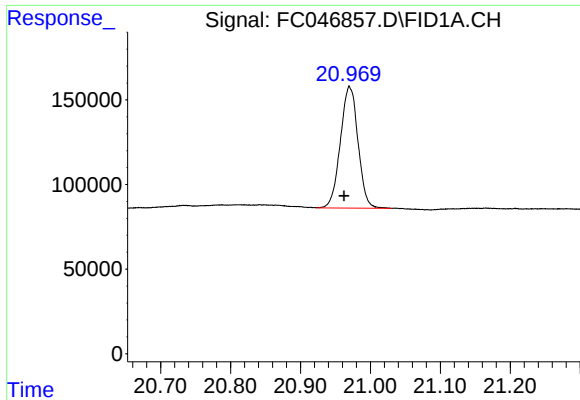
#19 n-Tetratriacontane (C34)

R.T.: 19.471 min
Delta R.T.: 0.006 min
Response: 1327967
Conc: 18.54 ug/ml



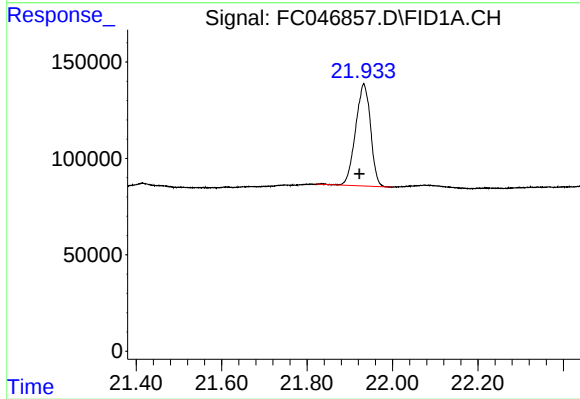
#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: 0.005 min
Response: 1273886
Conc: 18.18 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.969 min
Delta R.T.: 0.007 min
Response: 1260140
Conc: 19.97 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: 0.010 min
Response: 1287307
Conc: 18.60 ug/ml