

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061520AL\
 Data File : FC047859.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jun 2020 13:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 16 02:24:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.729	2238600	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	13.142	1794727	18.326 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
Target Compounds			
1) T n-Nonane (C9)	3.540	2043603	20.422 ug/ml
2) T n-Decane (C10)	4.602	2059213	20.495 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2030029	20.120 ug/ml
4) T n-Dodecane (C12)	6.602	2124059	20.290 ug/ml
5) T A~2-methylnaphthalene...	7.248	2084470	20.139 ug/ml
6) T n-Tetradecane (C14)	8.379	2114290	20.145 ug/ml
7) T n-Hexadecane (C16)	9.966	2067356	19.787 ug/ml
8) T n-Octadecane (C18)	11.397	2141340	19.264 ug/ml
10) T n-Eicosane (C20)	12.696	2129971	18.716 ug/ml
11) T n-Heneicosane (C21)	13.304	2111894	18.455 ug/ml
13) T n-Docosane (C22)	13.886	2075392	18.093 ug/ml
14) T n-Tetracosane (C24)	14.982	1996475	17.373 ug/ml
15) T n-Hexacosane (C26)	15.996	1906492	16.691 ug/ml
16) T n-Octacosane (C28)	16.939	1840776	16.196 ug/ml
17) T n-Tricontane (C30)	17.822	1764754	16.102 ug/ml
18) T n-Dotriacontane (C32)	18.648	1627514	16.417 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1555232	16.981 ug/mlm
20) T n-Hexatriacontane (C36)	20.163	1529436	17.834 ug/mlm
21) T n-Octatriacontane (C38)	20.914	1471140	18.473 ug/ml
22) T n-Tetracontane (C40)	21.855	1465591	18.536 ug/ml

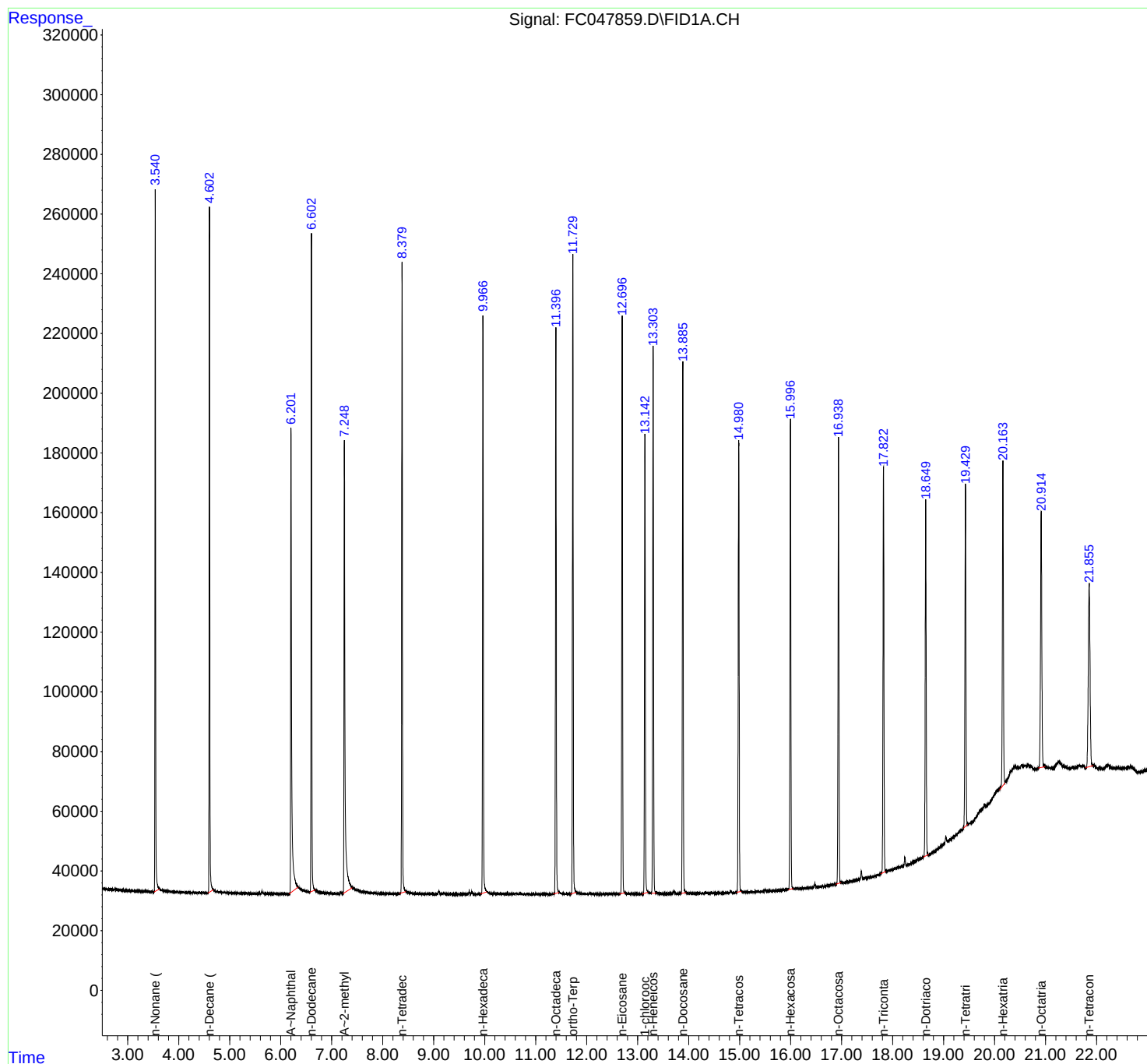
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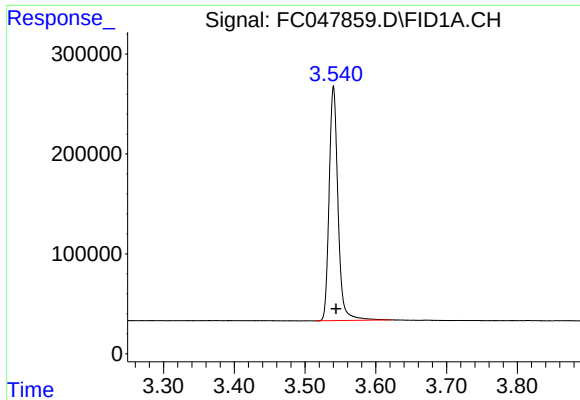
(m)=manual int.

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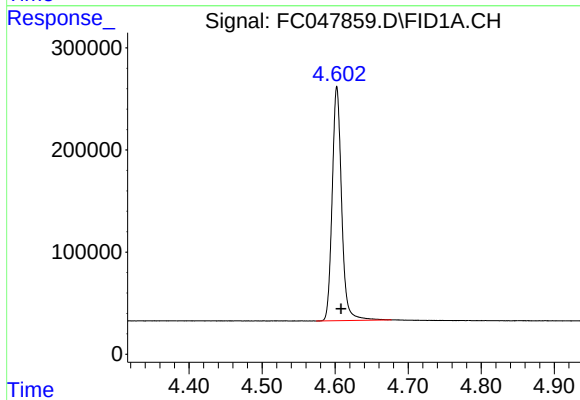
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





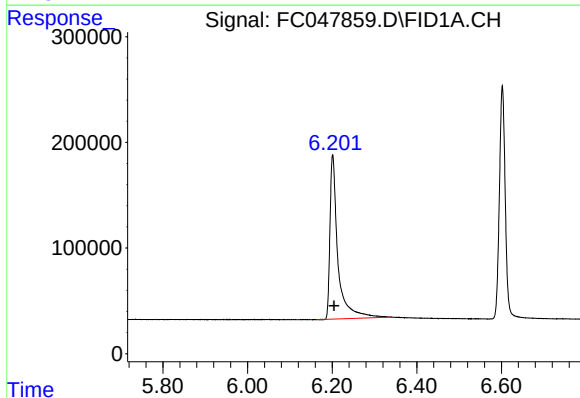
#1 n-Nonane (C9)

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 2043603
Conc: 20.42 ug/ml



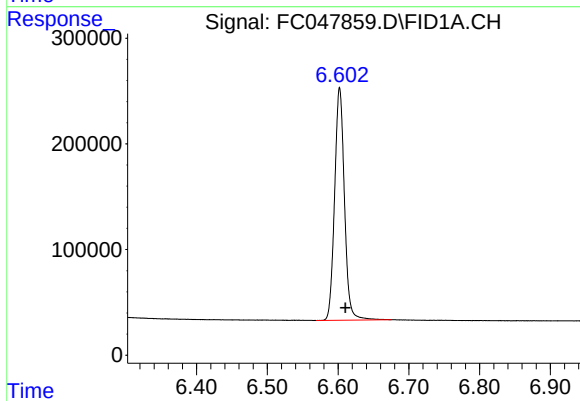
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.006 min
Response: 2059213
Conc: 20.49 ug/ml



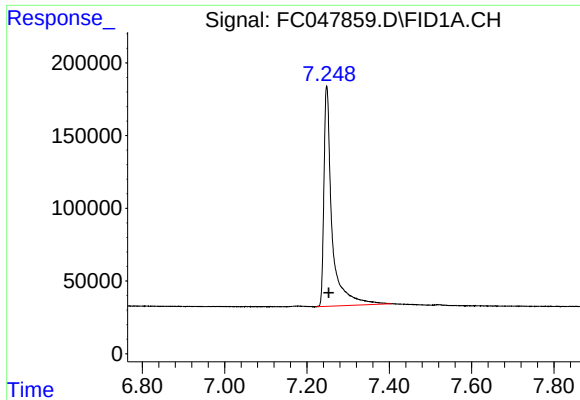
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 2030029
Conc: 20.12 ug/ml



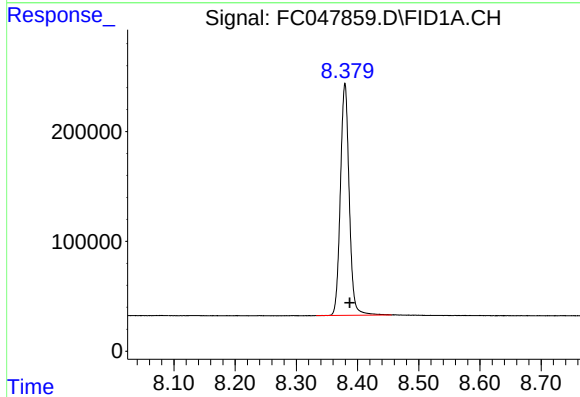
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.008 min
Response: 2124059
Conc: 20.29 ug/ml



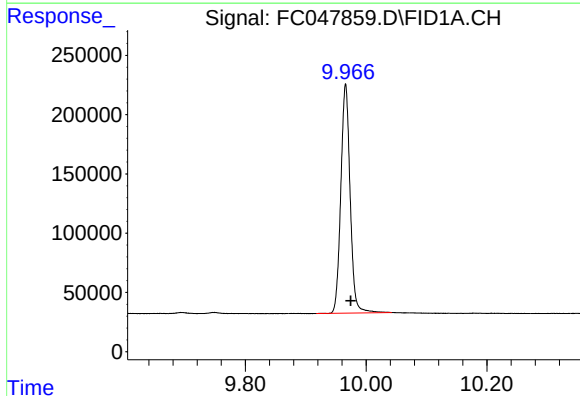
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: -0.005 min
Response: 2084470
Conc: 20.14 ug/ml



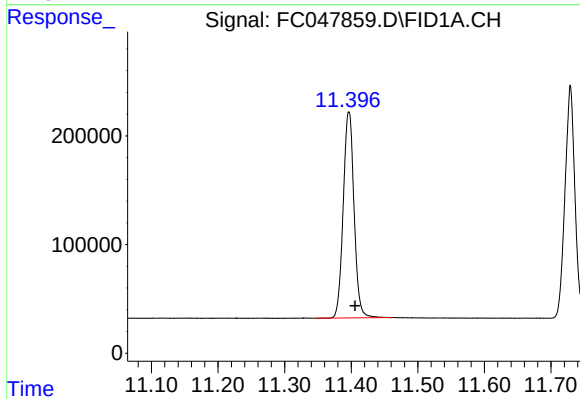
#6 n-Tetradecane (C14)

R.T.: 8.379 min
Delta R.T.: -0.008 min
Response: 2114290
Conc: 20.14 ug/ml



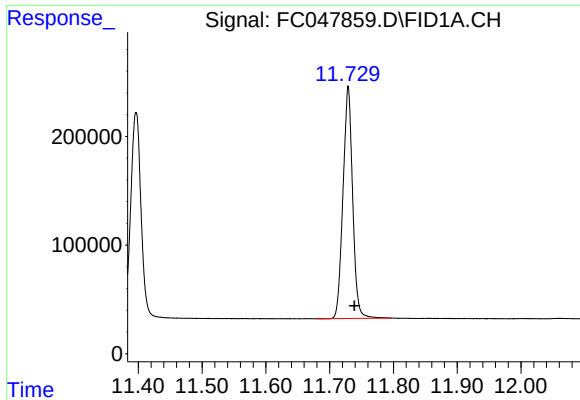
#7 n-Hexadecane (C16)

R.T.: 9.966 min
Delta R.T.: -0.008 min
Response: 2067356
Conc: 19.79 ug/ml



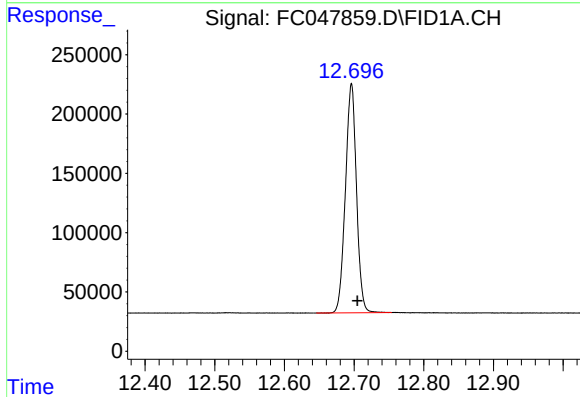
#8 n-Octadecane (C18)

R.T.: 11.397 min
Delta R.T.: -0.009 min
Response: 2141340
Conc: 19.26 ug/ml



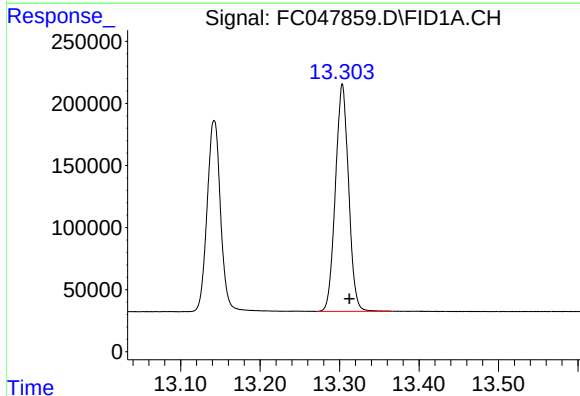
#9 ortho-Terphenyl (SURR)

R.T.: 11.729 min
Delta R.T.: -0.010 min
Response: 2238600
Conc: 18.66 ug/ml



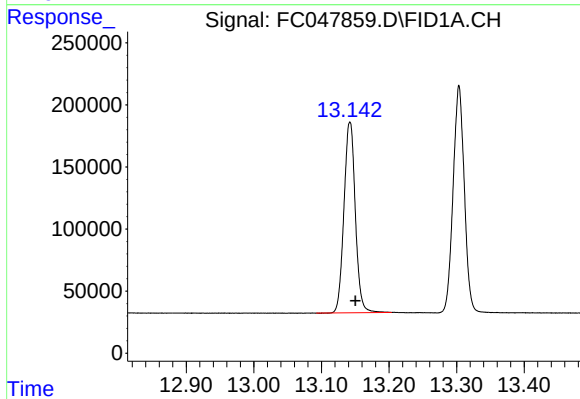
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.009 min
Response: 2129971
Conc: 18.72 ug/ml



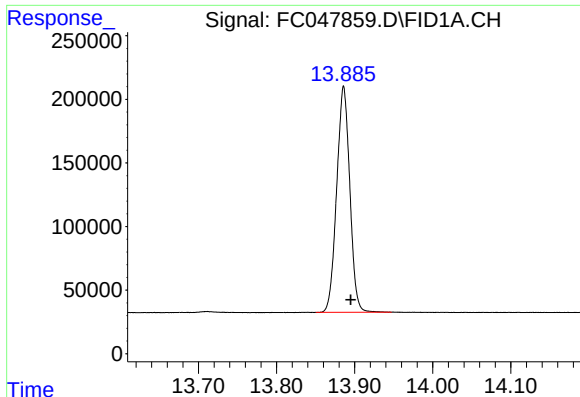
#11 n-Heneicosane (C21)

R.T.: 13.304 min
Delta R.T.: -0.009 min
Response: 2111894
Conc: 18.46 ug/ml



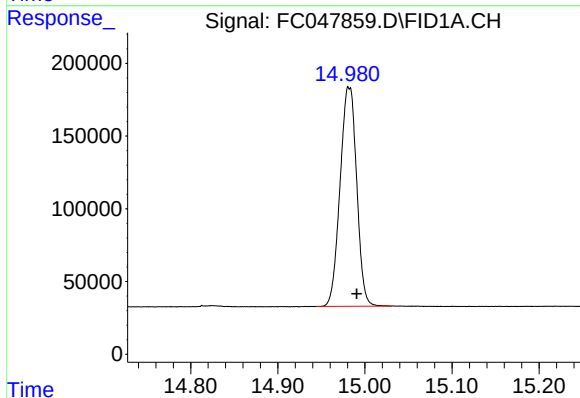
#12 1-chlorooctadecane (SURR)

R.T.: 13.142 min
Delta R.T.: -0.008 min
Response: 1794727
Conc: 18.33 ug/ml



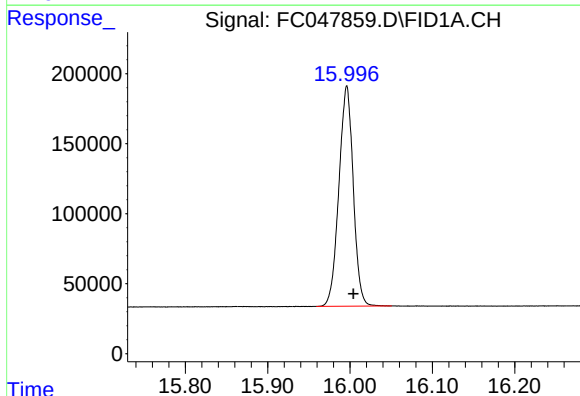
#13 n-Docosane (C22)

R.T.: 13.886 min
Delta R.T.: -0.009 min
Response: 2075392
Conc: 18.09 ug/ml



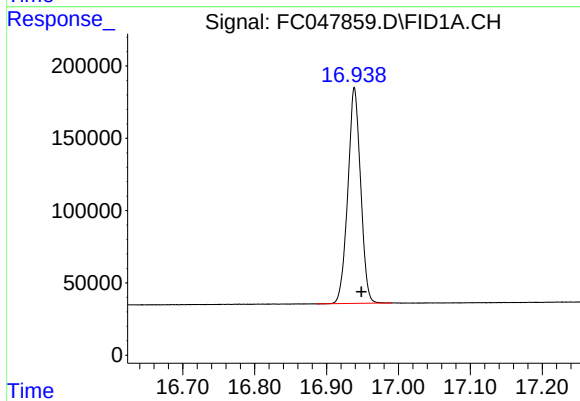
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: -0.009 min
Response: 1996475
Conc: 17.37 ug/ml



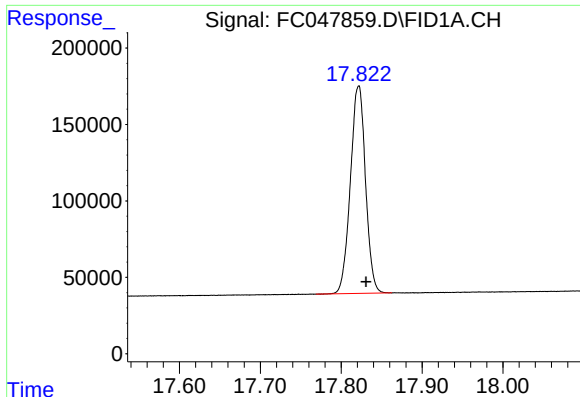
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: -0.008 min
Response: 1906492
Conc: 16.69 ug/ml



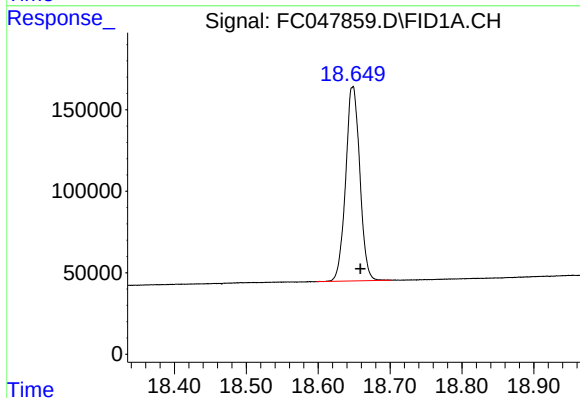
#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: -0.010 min
Response: 1840776
Conc: 16.20 ug/ml



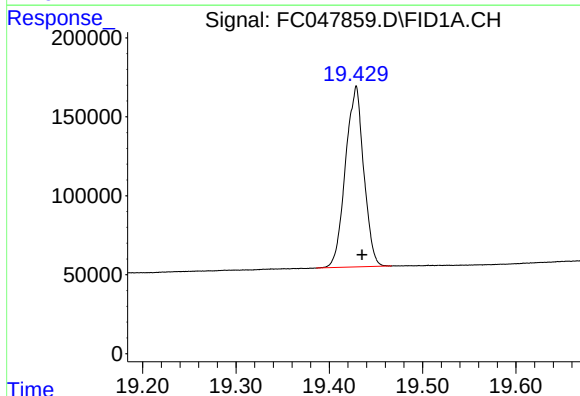
#17 n-Tricontane (C30)

R.T.: 17.822 min
Delta R.T.: -0.009 min
Response: 1764754
Conc: 16.10 ug/ml



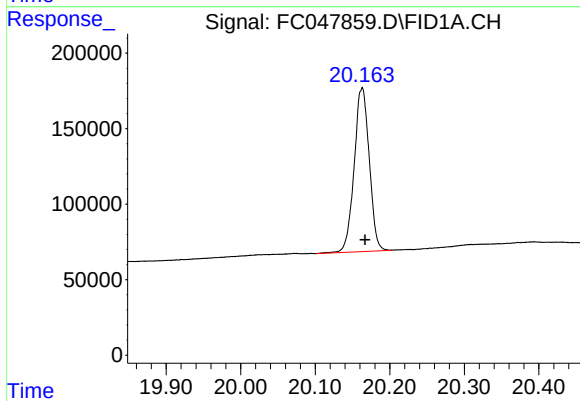
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.010 min
Response: 1627514
Conc: 16.42 ug/ml



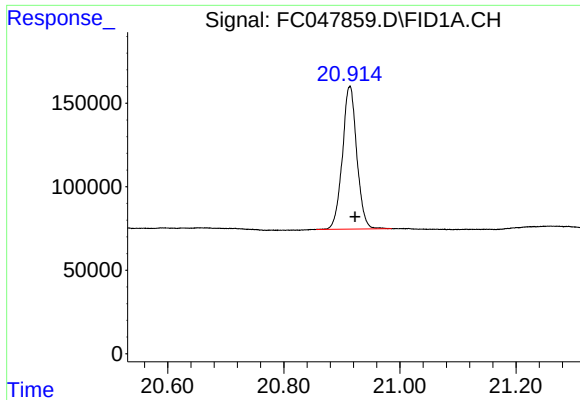
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: -0.007 min
Response: 1555232
Conc: 16.98 ug/ml m



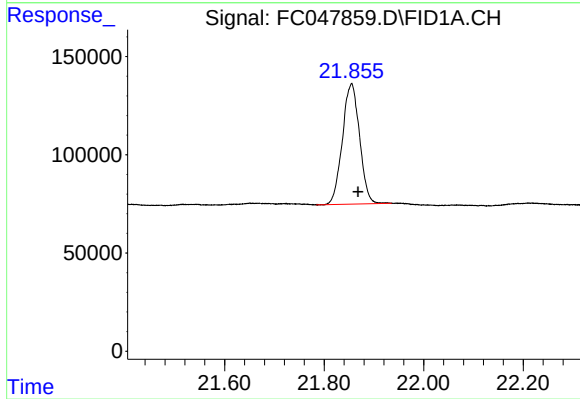
#20 n-Hexatriacontane (C36)

R.T.: 20.163 min
Delta R.T.: -0.004 min
Response: 1529436
Conc: 17.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: -0.009 min
Response: 1471140
Conc: 18.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.855 min
Delta R.T.: -0.013 min
Response: 1465591
Conc: 18.54 ug/ml