

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040320AL\
 Data File : FC046656.D
 Signal(s) : FID1A.CH
 Acq On : 04 Apr 2020 10:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 06 00:15:59 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)	11.764	2196474	20.093 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
12) S 1-chlorooctadecane (S...	13.180	1699537	19.721 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
Target Compounds			
1) T n-Nonane (C9)	3.544	2128622	22.165 ug/ml
2) T n-Decane (C10)	4.612	2153424	22.421 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2260932	22.565 ug/ml
4) T n-Dodecane (C12)	6.621	2176253	22.296 ug/ml
5) T A~2-methylnaphthalene...	7.265	2267537	22.428 ug/ml
6) T n-Tetradecane (C14)	8.404	2145360	21.787 ug/ml
7) T n-Hexadecane (C16)	9.995	2120833	21.244 ug/ml
8) T n-Octadecane (C18)	11.430	2099791	20.688 ug/ml
10) T n-Eicosane (C20)	12.734	2054032	20.092 ug/ml
11) T n-Heneicosane (C21)	13.342	2036568	19.752 ug/ml
13) T n-Docosane (C22)	13.927	2004319	19.525 ug/ml
14) T n-Tetracosane (C24)	15.025	1970517	19.089 ug/ml
15) T n-Hexacosane (C26)	16.041	1932179	18.832 ug/ml
16) T n-Octacosane (C28)	16.986	1907837	18.746 ug/ml
17) T n-Tricontane (C30)	17.869	1855342	18.937 ug/ml
18) T n-Dotriacontane (C32)	18.698	1599543	19.079 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1417414	19.783 ug/mlm
20) T n-Hexatriacontane (C36)	20.213	1369481	19.549 ug/mlm
21) T n-Octatriacontane (C38)	20.978	1371583	21.736 ug/ml
22) T n-Tetracontane (C40)	21.937	1287381	18.604 ug/mlm

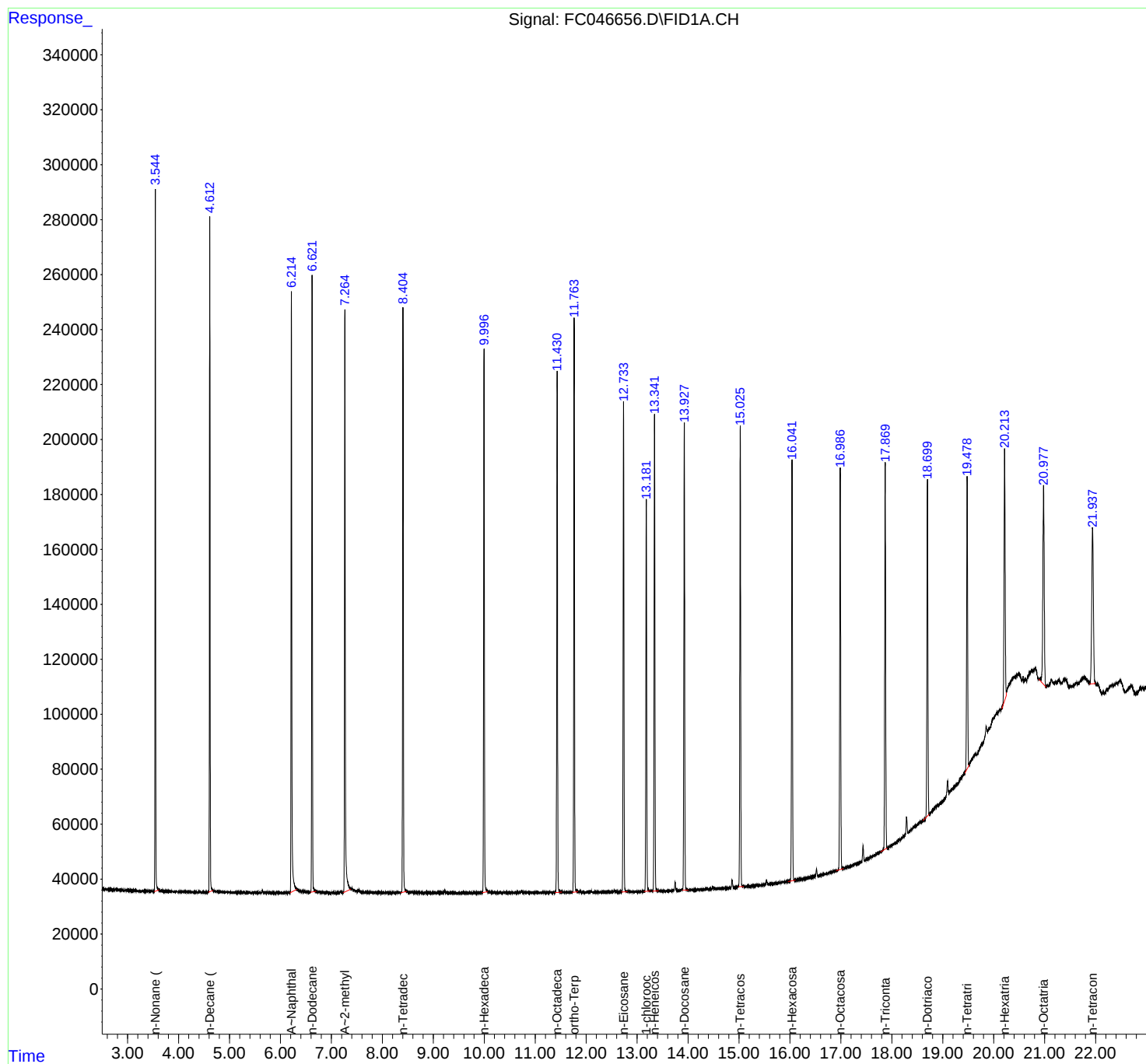
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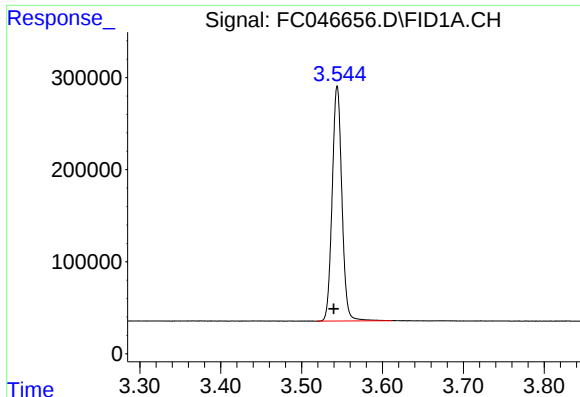
(m)=manual int.

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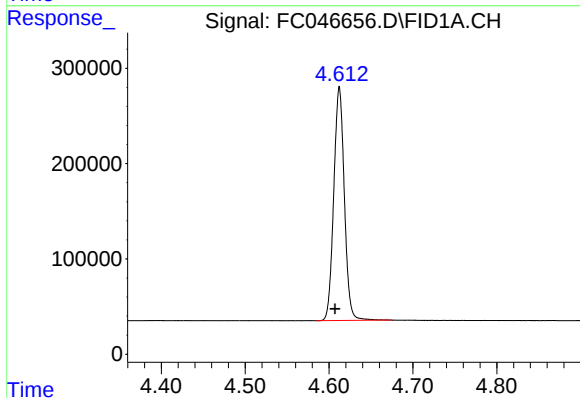
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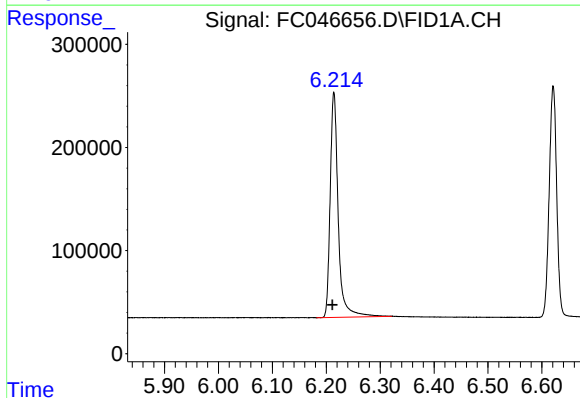
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 2128622
Conc: 22.16 ug/ml



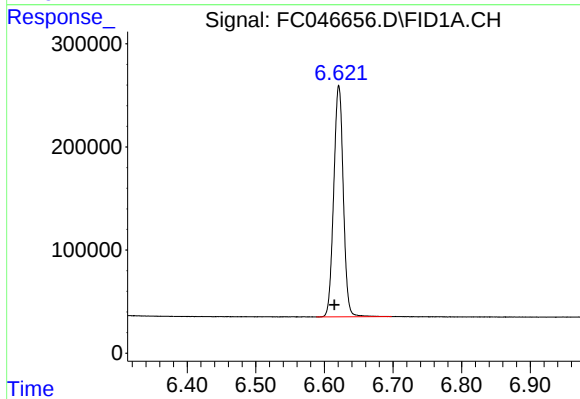
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: 0.005 min
Response: 2153424
Conc: 22.42 ug/ml



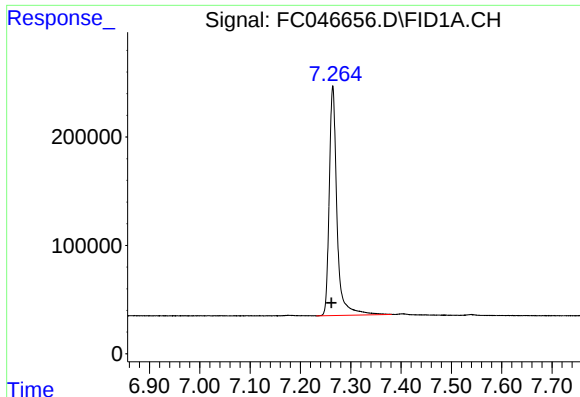
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 2260932
Conc: 22.56 ug/ml



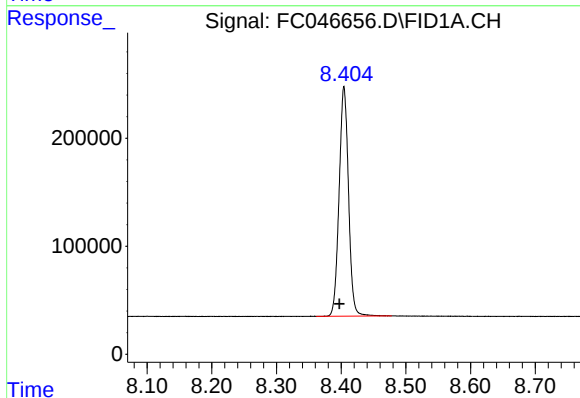
#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.006 min
Response: 2176253
Conc: 22.30 ug/ml



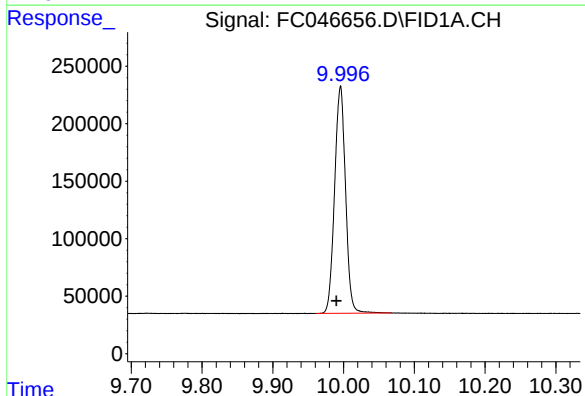
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2267537
Conc: 22.43 ug/ml



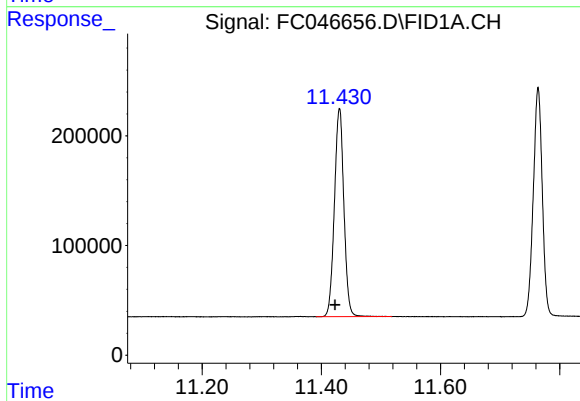
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.007 min
Response: 2145360
Conc: 21.79 ug/ml



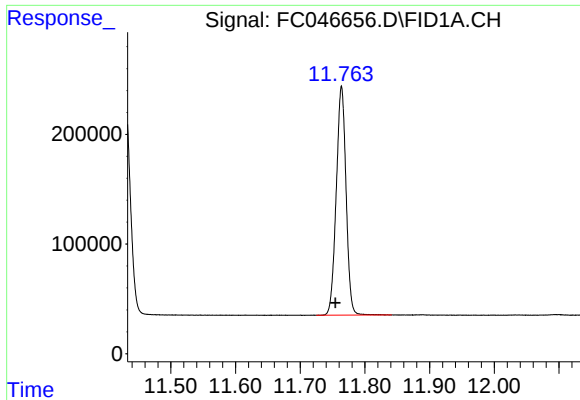
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.006 min
Response: 2120833
Conc: 21.24 ug/ml



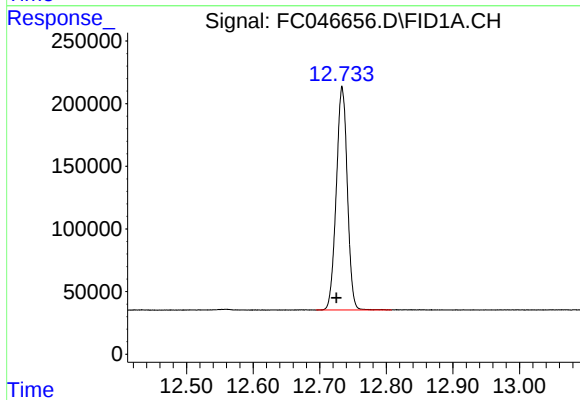
#8 n-Octadecane (C18)

R.T.: 11.430 min
Delta R.T.: 0.007 min
Response: 2099791
Conc: 20.69 ug/ml



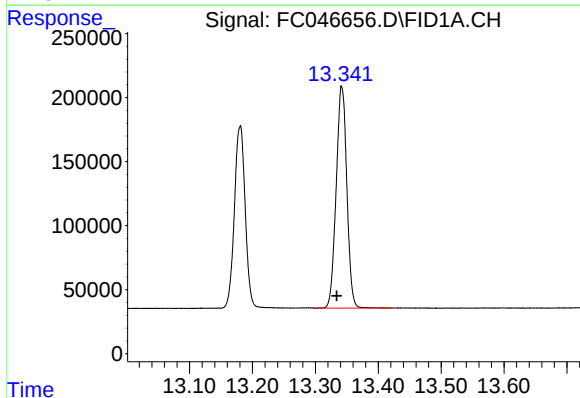
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: 0.009 min
Response: 2196474
Conc: 20.09 ug/ml



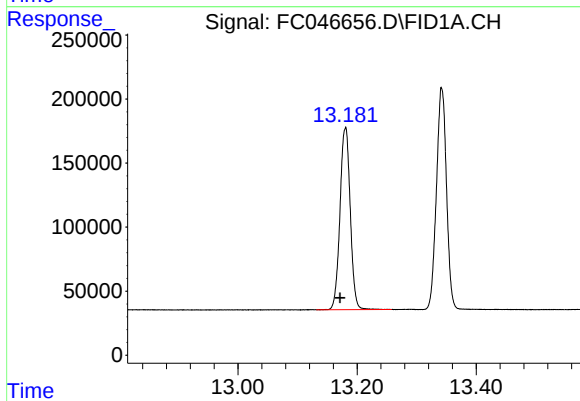
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: 0.009 min
Response: 2054032
Conc: 20.09 ug/ml



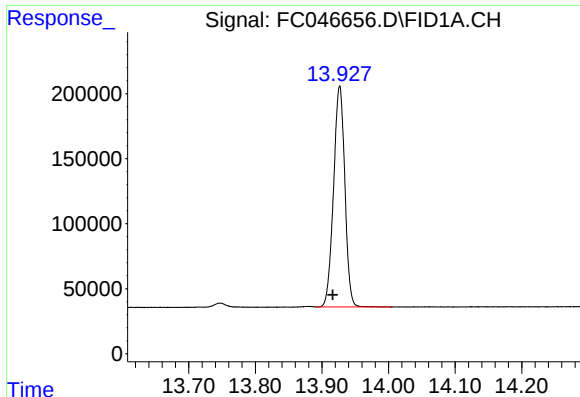
#11 n-Heneicosane (C21)

R.T.: 13.342 min
Delta R.T.: 0.008 min
Response: 2036568
Conc: 19.75 ug/ml



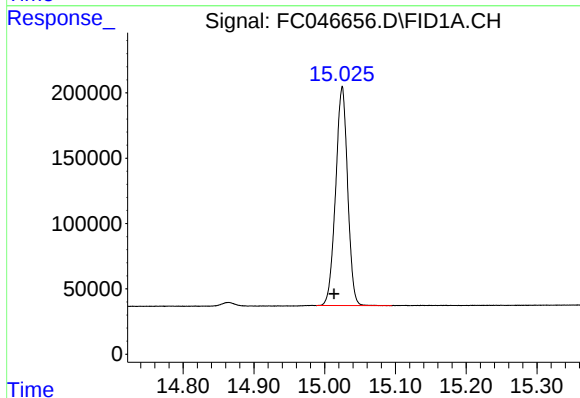
#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: 0.009 min
Response: 1699537
Conc: 19.72 ug/ml



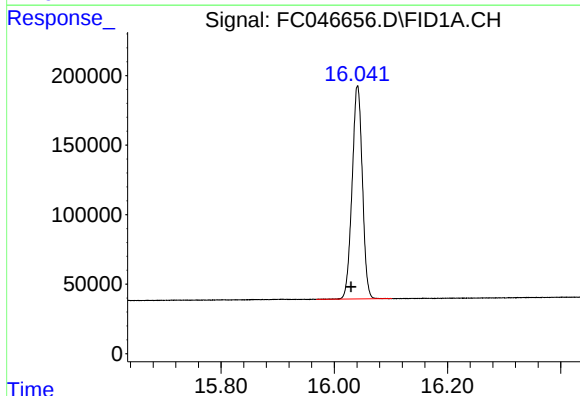
#13 n-Docosane (C22)

R.T.: 13.927 min
Delta R.T.: 0.011 min
Response: 2004319
Conc: 19.52 ug/ml



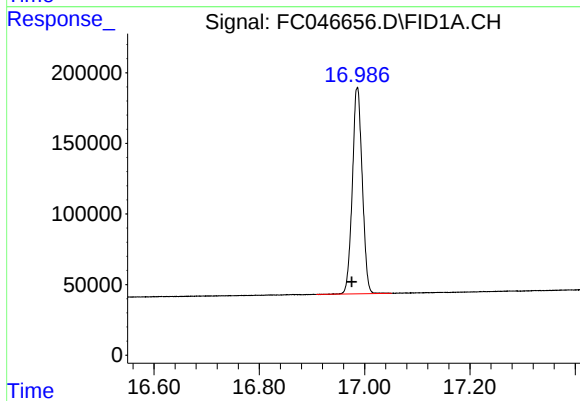
#14 n-Tetracosane (C24)

R.T.: 15.025 min
Delta R.T.: 0.011 min
Response: 1970517
Conc: 19.09 ug/ml



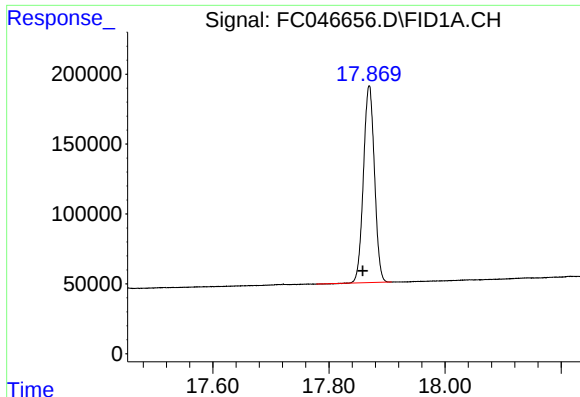
#15 n-Hexacosane (C26)

R.T.: 16.041 min
Delta R.T.: 0.011 min
Response: 1932179
Conc: 18.83 ug/ml



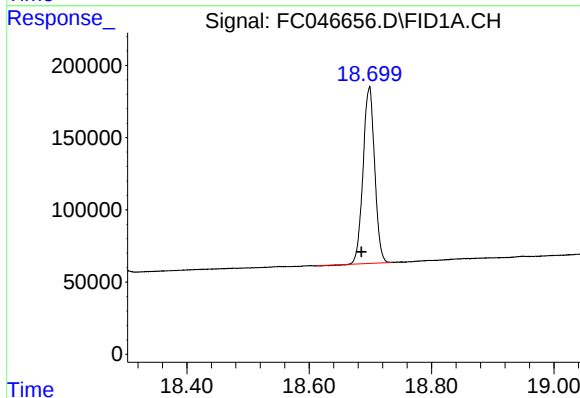
#16 n-Octacosane (C28)

R.T.: 16.986 min
Delta R.T.: 0.011 min
Response: 1907837
Conc: 18.75 ug/ml



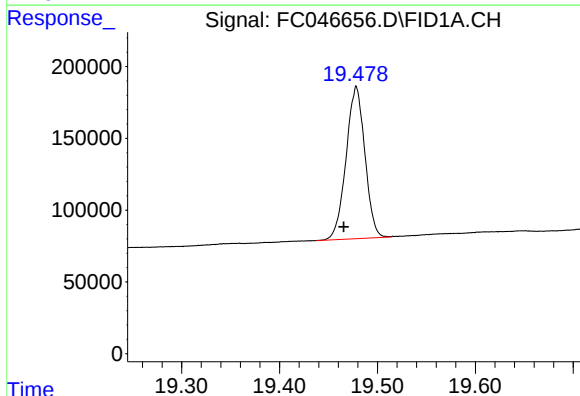
#17 n-Tricontane (C30)

R.T.: 17.869 min
Delta R.T.: 0.011 min
Response: 1855342
Conc: 18.94 ug/ml



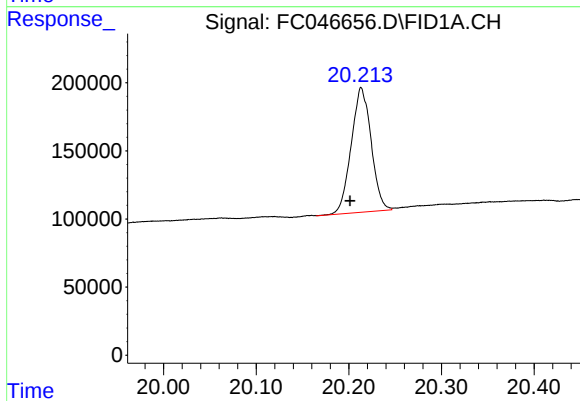
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: 0.013 min
Response: 1599543
Conc: 19.08 ug/ml



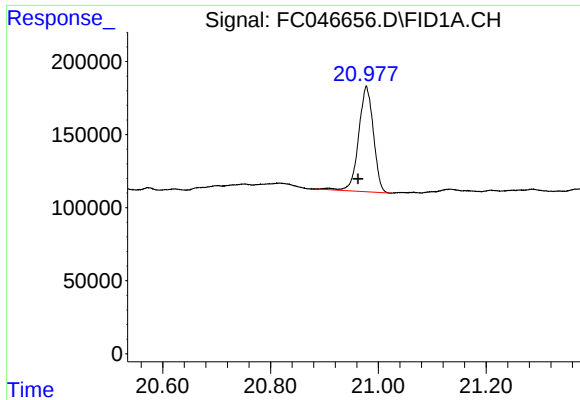
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min
Delta R.T.: 0.012 min
Response: 1417414
Conc: 19.78 ug/ml m



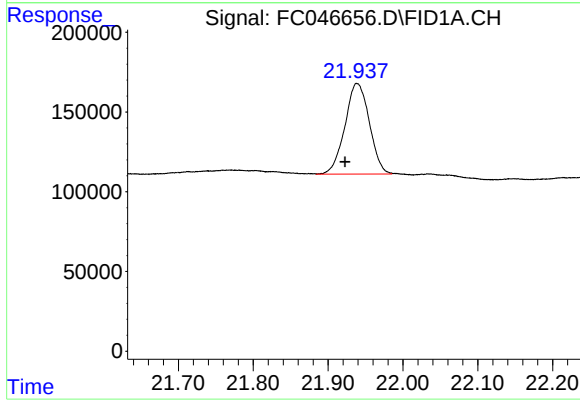
#20 n-Hexatriacontane (C36)

R.T.: 20.213 min
Delta R.T.: 0.011 min
Response: 1369481
Conc: 19.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.978 min
Delta R.T.: 0.015 min
Response: 1371583
Conc: 21.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: 0.015 min
Response: 1287381
Conc: 18.60 ug/ml m