

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111020AL\
 Data File : FC050711.D
 Signal(s) : FID1A.CH
 Acq On : 10 Nov 2020 15:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 11 00:45:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.622	2138584	17.411 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
12) S 1-chlorooctadecane (S...	13.056	1673233	17.330 ug/ml
Spiked Amount 50.000		Recovery =	34.66%
Target Compounds			
1) T n-Nonane (C9)	3.366	2116409	19.890 ug/ml
2) T n-Decane (C10)	4.437	2129920	20.027 ug/ml
3) T A~Naphthalene (C11.7)	6.033	2257578	19.604 ug/ml
4) T n-Dodecane (C12)	6.458	2155443	19.880 ug/ml
5) T A~2-methylnaphthalene...	7.091	2268427	19.772 ug/ml
6) T n-Tetradecane (C14)	8.255	2127779	19.727 ug/ml
7) T n-Hexadecane (C16)	9.857	2073381	19.477 ug/ml
8) T n-Octadecane (C18)	11.300	2102578	18.691 ug/ml
10) T n-Eicosane (C20)	12.611	2041245	17.884 ug/ml
11) T n-Heneicosane (C21)	13.222	1993149	17.471 ug/ml
13) T n-Docosane (C22)	13.808	1958689	17.163 ug/ml
14) T n-Tetracosane (C24)	14.911	1886510	16.519 ug/ml
15) T n-Hexacosane (C26)	15.931	1818047	16.035 ug/ml
16) T n-Octacosane (C28)	16.880	1787770	15.755 ug/ml
17) T n-Tricontane (C30)	17.767	1776865	15.982 ug/ml
18) T n-Dotriacontane (C32)	18.600	1677424	16.260 ug/ml
19) T n-Tetratriacontane (C34)	19.383	1614342	16.777 ug/ml
20) T n-Hexatriacontane (C36)	20.121	2512635	27.967 ug/ml
21) T n-Octatriacontane (C38)	20.866	1660999	19.977 ug/ml
22) T n-Tetracontane (C40)	21.798	1963731	23.467 ug/ml

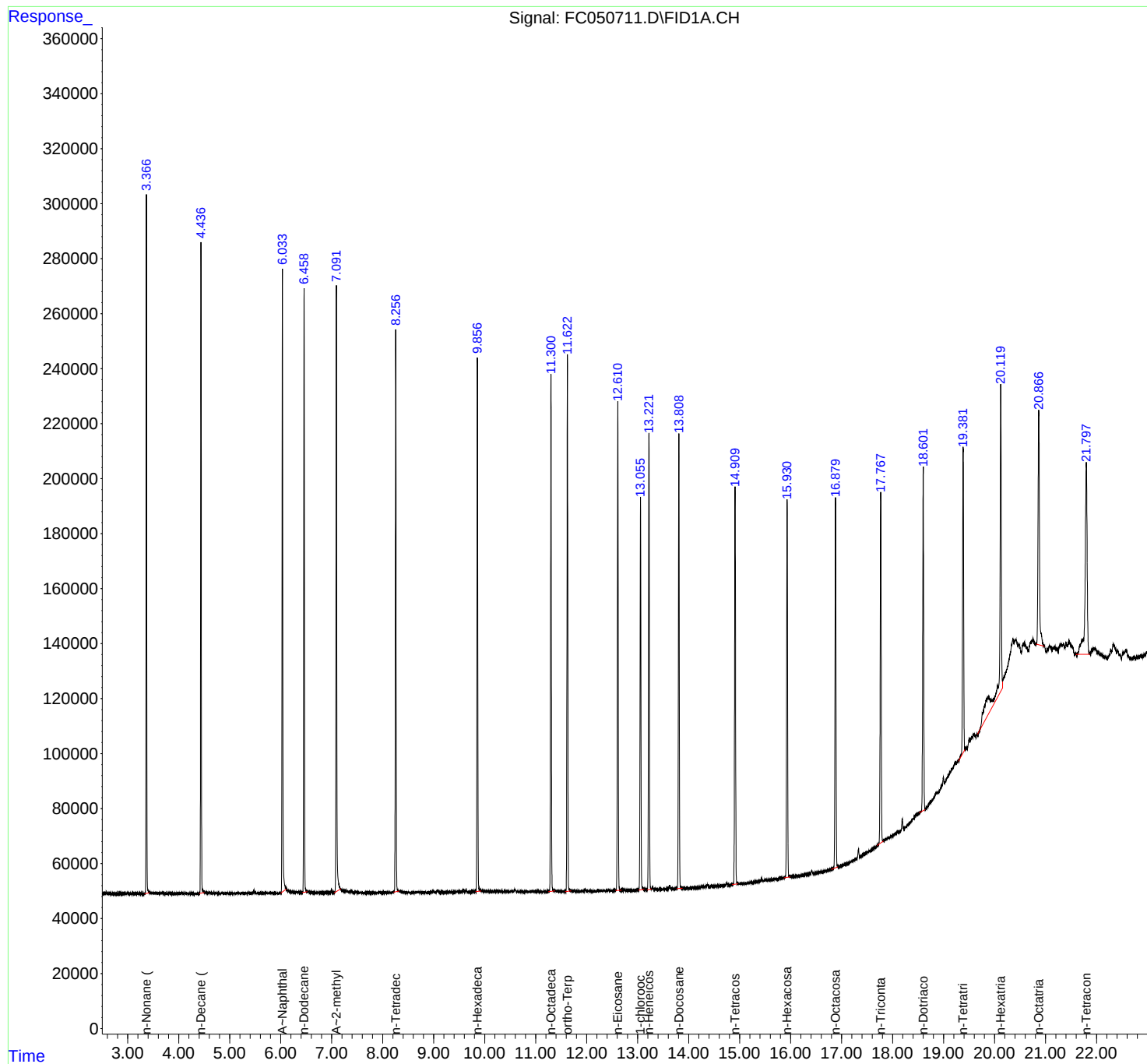
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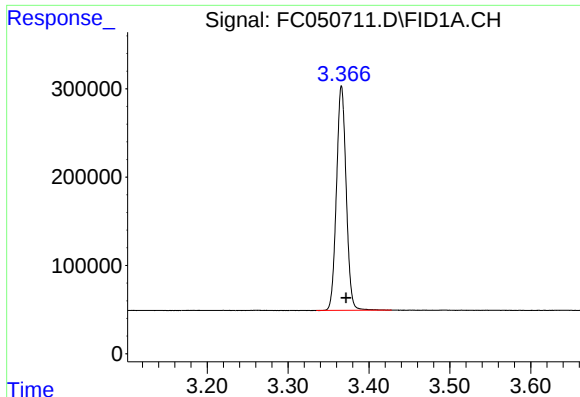
(m)=manual int.

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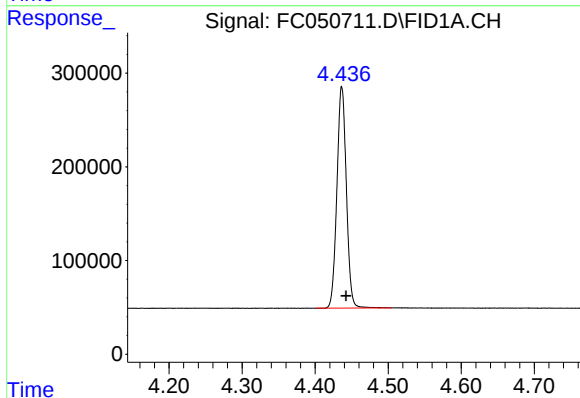
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





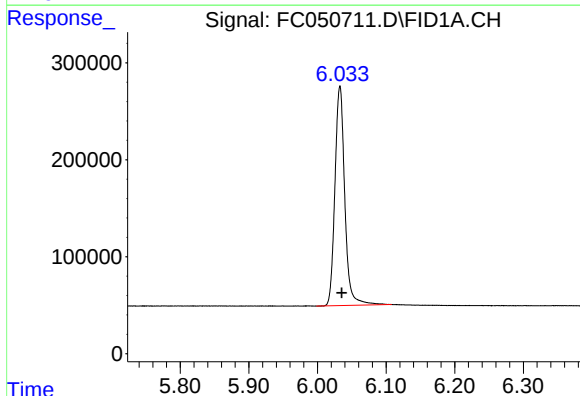
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.006 min
Response: 2116409
Conc: 19.89 ug/ml



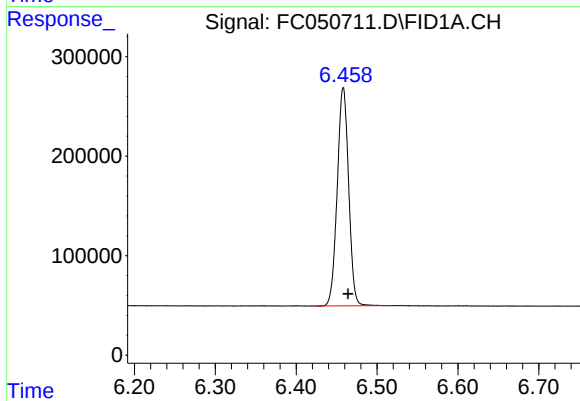
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.006 min
Response: 2129920
Conc: 20.03 ug/ml



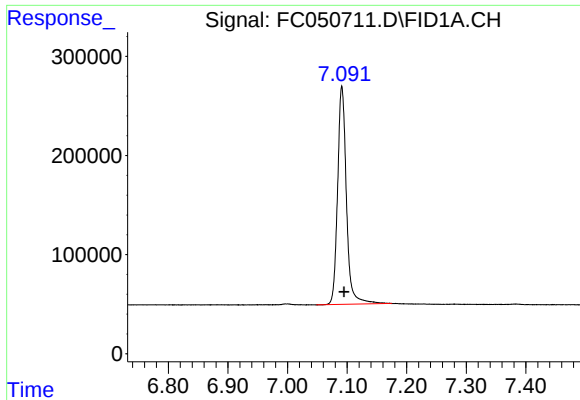
#3 A~Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 2257578
Conc: 19.60 ug/ml



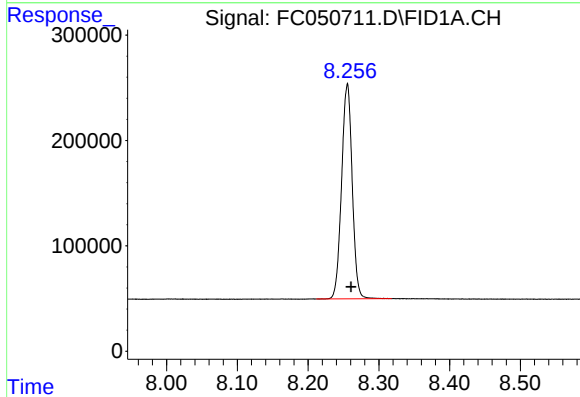
#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 2155443
Conc: 19.88 ug/ml



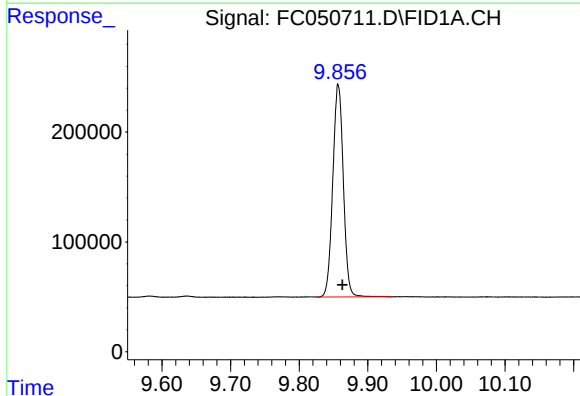
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.091 min
Delta R.T.: -0.003 min
Response: 2268427
Conc: 19.77 ug/ml



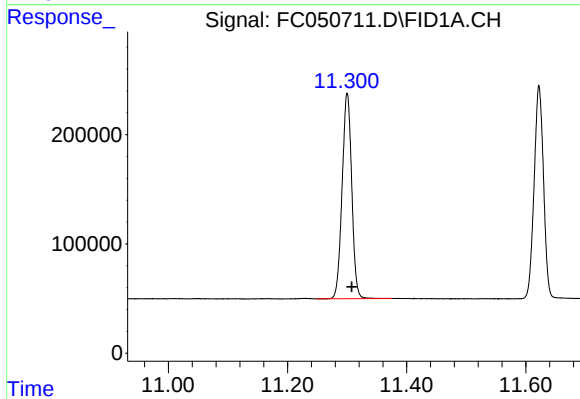
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.006 min
Response: 2127779
Conc: 19.73 ug/ml



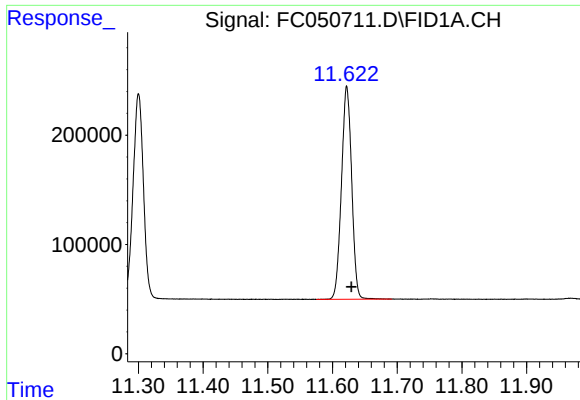
#7 n-Hexadecane (C16)

R.T.: 9.857 min
Delta R.T.: -0.006 min
Response: 2073381
Conc: 19.48 ug/ml



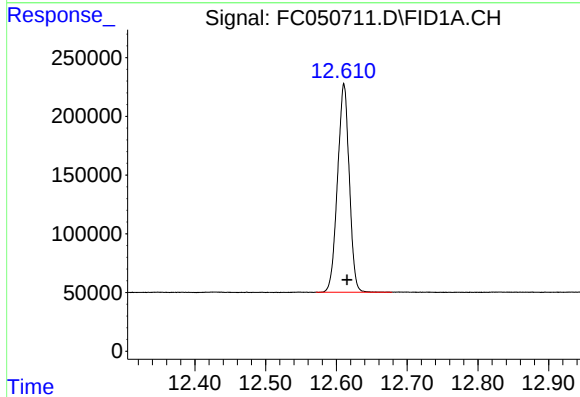
#8 n-Octadecane (C18)

R.T.: 11.300 min
Delta R.T.: -0.008 min
Response: 2102578
Conc: 18.69 ug/ml



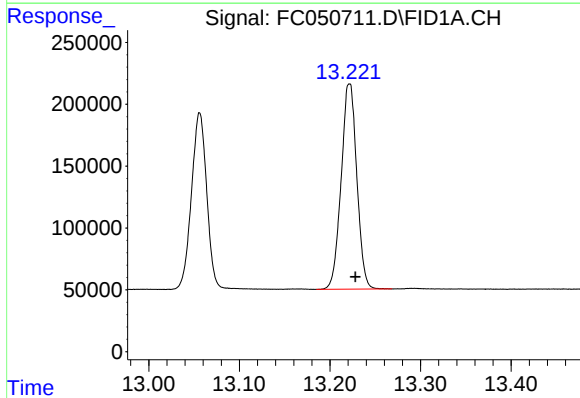
#9 ortho-Terphenyl (SURR)

R.T.: 11.622 min
Delta R.T.: -0.007 min
Response: 2138584
Conc: 17.41 ug/ml



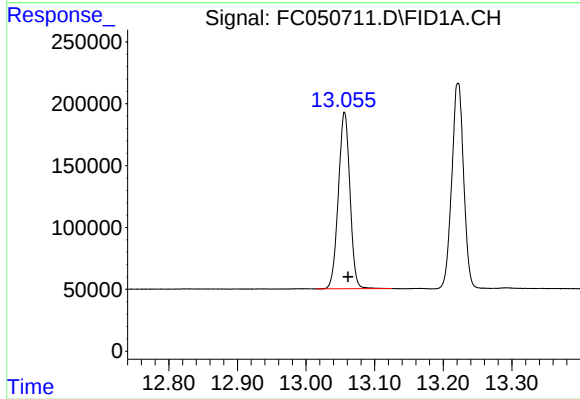
#10 n-Eicosane (C20)

R.T.: 12.611 min
Delta R.T.: -0.004 min
Response: 2041245
Conc: 17.88 ug/ml



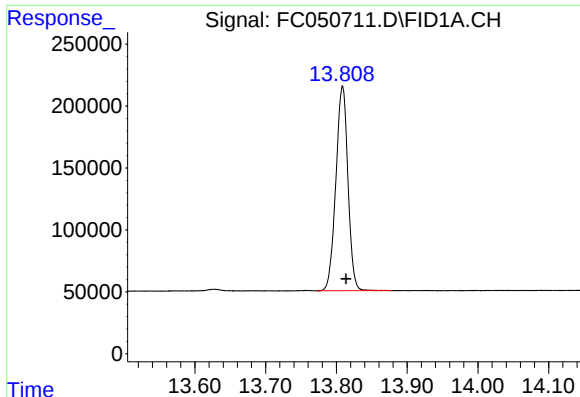
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: -0.007 min
Response: 1993149
Conc: 17.47 ug/ml



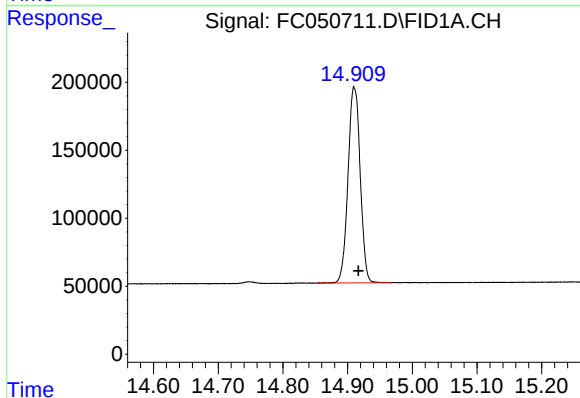
#12 1-chlorooctadecane (SURR)

R.T.: 13.056 min
Delta R.T.: -0.005 min
Response: 1673233
Conc: 17.33 ug/ml



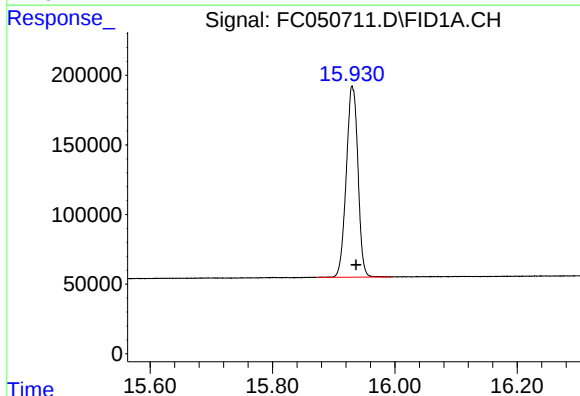
#13 n-Docosane (C22)

R.T.: 13.808 min
Delta R.T.: -0.005 min
Response: 1958689
Conc: 17.16 ug/ml



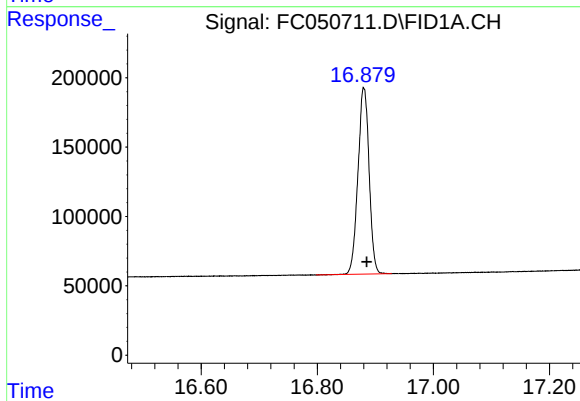
#14 n-Tetracosane (C24)

R.T.: 14.911 min
Delta R.T.: -0.006 min
Response: 1886510
Conc: 16.52 ug/ml



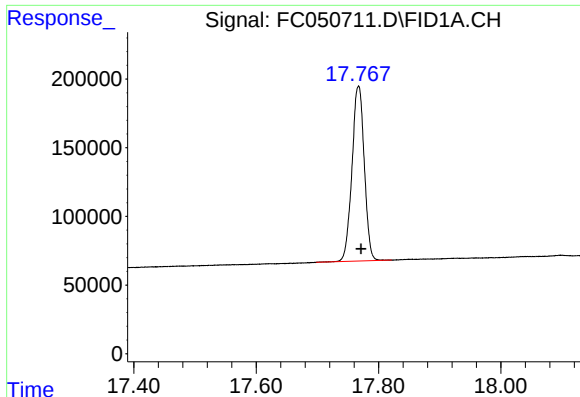
#15 n-Hexacosane (C26)

R.T.: 15.931 min
Delta R.T.: -0.006 min
Response: 1818047
Conc: 16.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.880 min
Delta R.T.: -0.005 min
Response: 1787770
Conc: 15.76 ug/ml



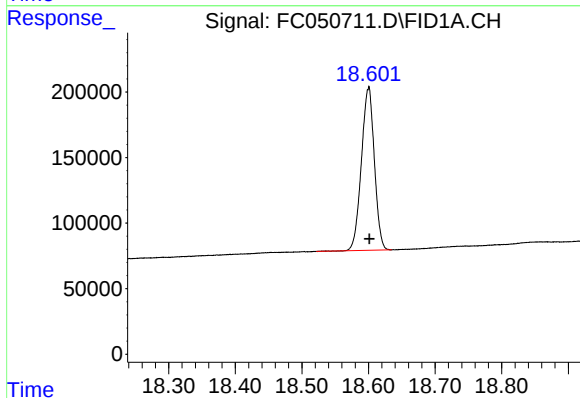
#17 n-Tricontane (C30)

R.T.: 17.767 min

Delta R.T.: -0.004 min

Response: 1776865

Conc: 15.98 ug/ml



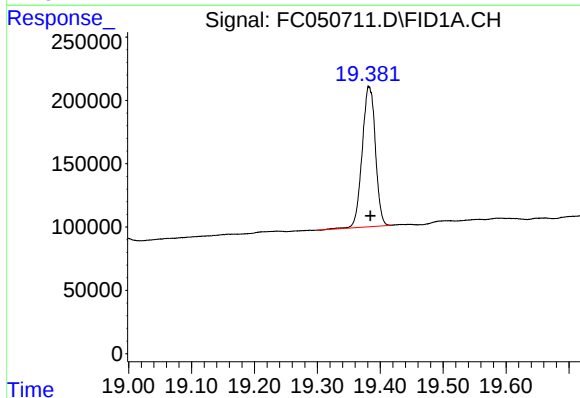
#18 n-Dotriacontane (C32)

R.T.: 18.600 min

Delta R.T.: -0.001 min

Response: 1677424

Conc: 16.26 ug/ml



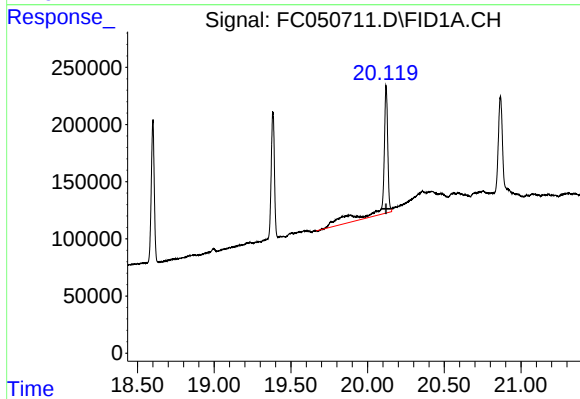
#19 n-Tetratriacontane (C34)

R.T.: 19.383 min

Delta R.T.: -0.002 min

Response: 1614342

Conc: 16.78 ug/ml



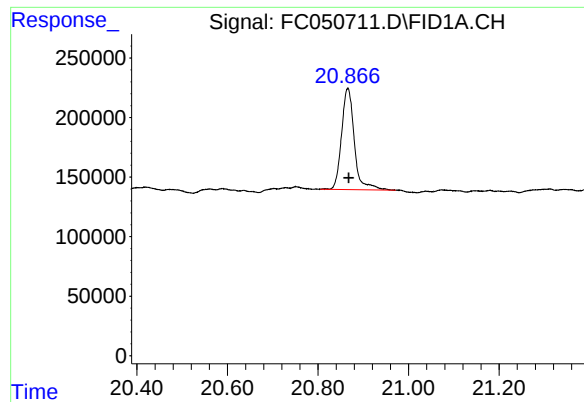
#20 n-Hexatriacontane (C36)

R.T.: 20.121 min

Delta R.T.: -0.001 min

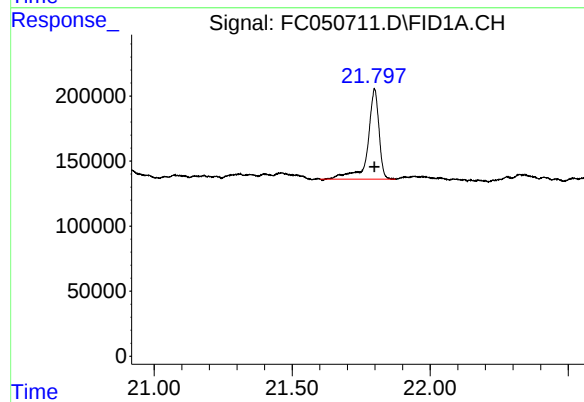
Response: 2512635

Conc: 27.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.002 min
Response: 1660999
Conc: 19.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.798 min
Delta R.T.: 0.000 min
Response: 1963731
Conc: 23.47 ug/ml