

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012820AL\
 Data File : FC045525.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jan 2020 19:04
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 01:15:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.767	2073849	18.865 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.189	1600412	18.407 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
Target Compounds			
1) T n-Nonane (C9)	3.524	2014254	20.825 ug/ml
2) T n-Decane (C10)	4.596	2050070	21.167 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2226378	20.845 ug/ml
4) T n-Dodecane (C12)	6.612	2054507	21.016 ug/ml
5) T A~2-methylnaphthalene...	7.253	2223207	20.740 ug/ml
6) T n-Tetradecane (C14)	8.402	2025607	20.556 ug/ml
7) T n-Hexadecane (C16)	9.998	2005009	20.027 ug/ml
8) T n-Octadecane (C18)	11.436	1981084	19.450 ug/ml
10) T n-Eicosane (C20)	12.741	1930503	18.824 ug/ml
11) T n-Heneicosane (C21)	13.352	1916476	18.515 ug/ml
13) T n-Docosane (C22)	13.937	1888912	18.307 ug/ml
14) T n-Tetracosane (C24)	15.037	1834461	17.654 ug/ml
15) T n-Hexacosane (C26)	16.056	1784541	17.273 ug/ml
16) T n-Octacosane (C28)	17.005	1762752	17.246 ug/ml
17) T n-Tricontane (C30)	17.889	1743972	17.765 ug/ml
18) T n-Dotriacontane (C32)	18.718	1522195	18.293 ug/ml
19) T n-Tetratriacontane (C34)	19.499	1302179	18.401 ug/ml
20) T n-Hexatriacontane (C36)	20.237	1273151	19.856 ug/ml
21) T n-Octatriacontane (C38)	21.008	1098451	18.780 ug/ml
22) T n-Tetracontane (C40)	21.981	1105254	18.736 ug/ml

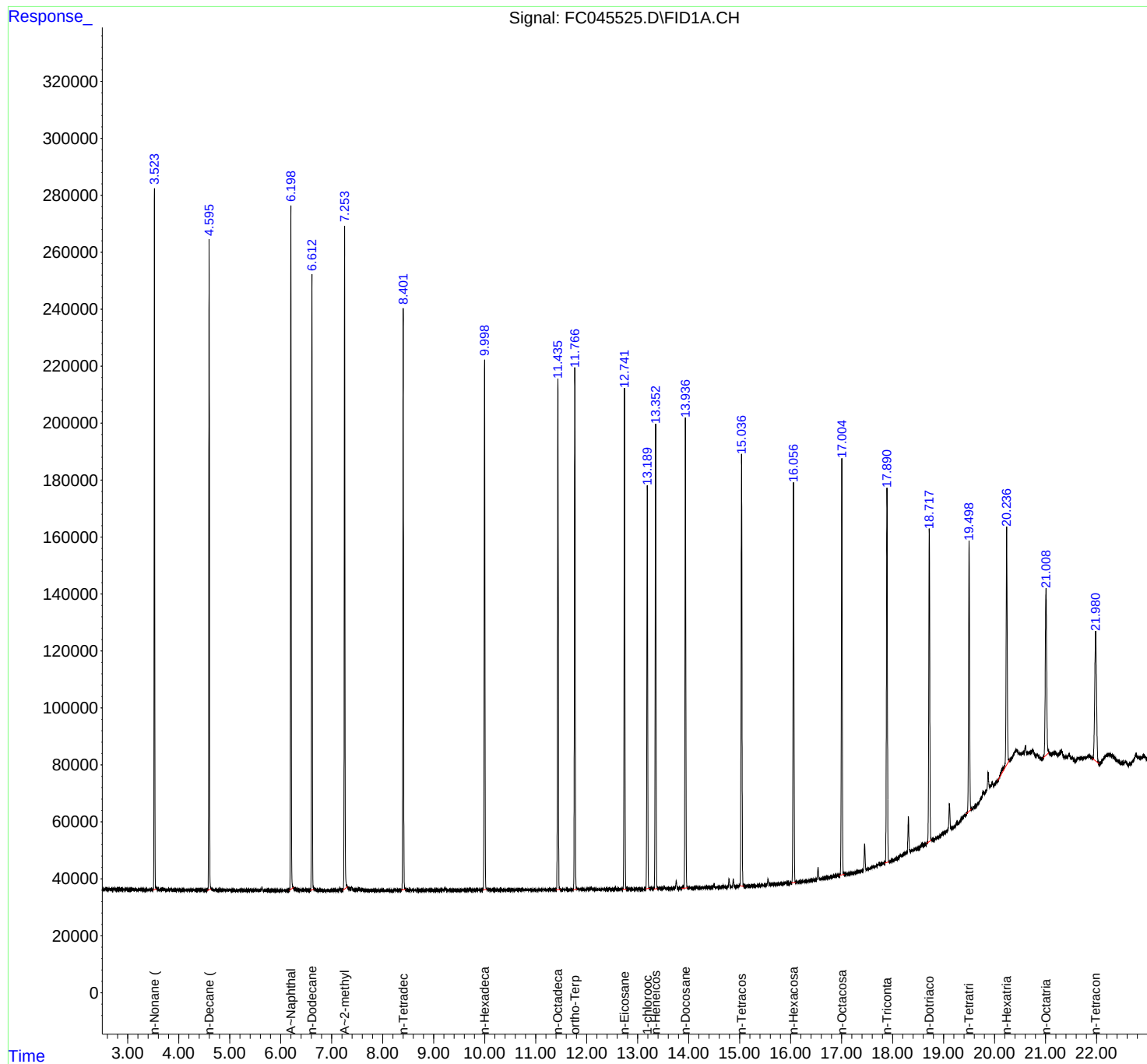
(f)=RT Delta > 1/2 Window

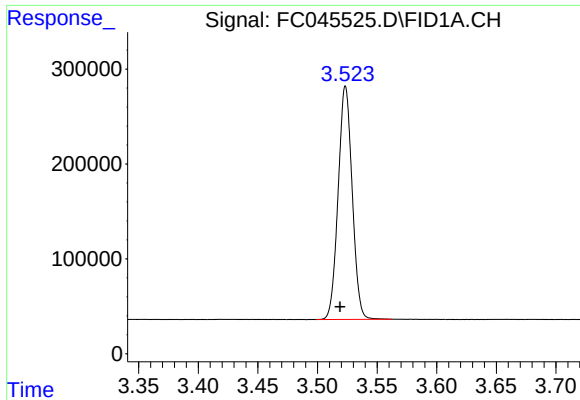
(m)=manual int.

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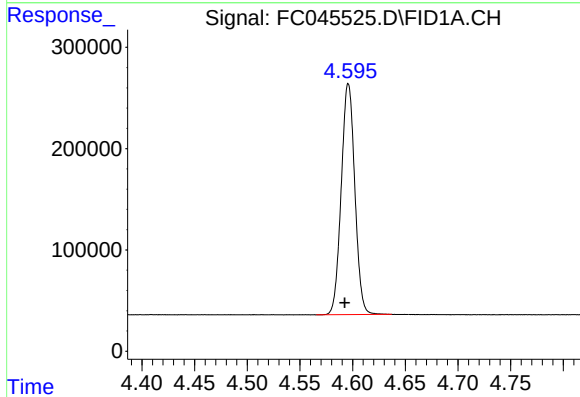
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





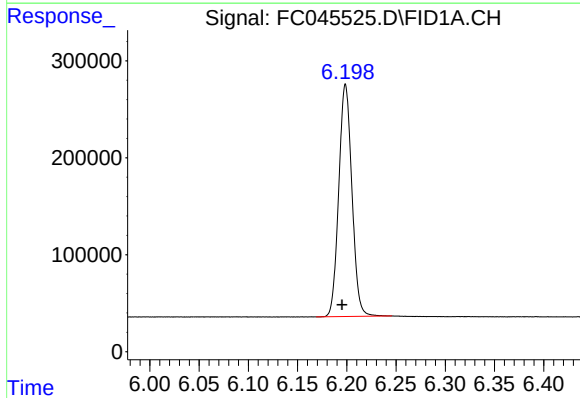
#1 n-Nonane (C9)

R.T.: 3.524 min
Delta R.T.: 0.005 min
Response: 2014254
Conc: 20.82 ug/ml



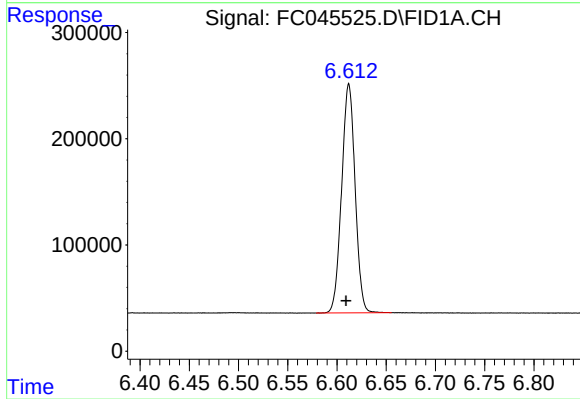
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: 0.004 min
Response: 2050070
Conc: 21.17 ug/ml



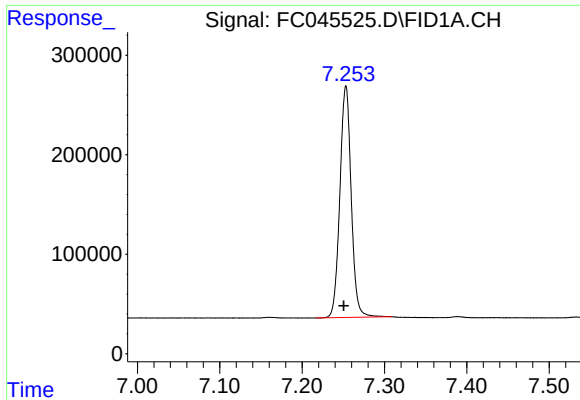
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 2226378
Conc: 20.85 ug/ml



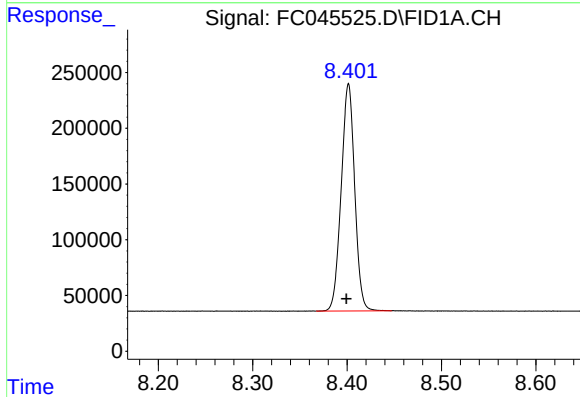
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2054507
Conc: 21.02 ug/ml



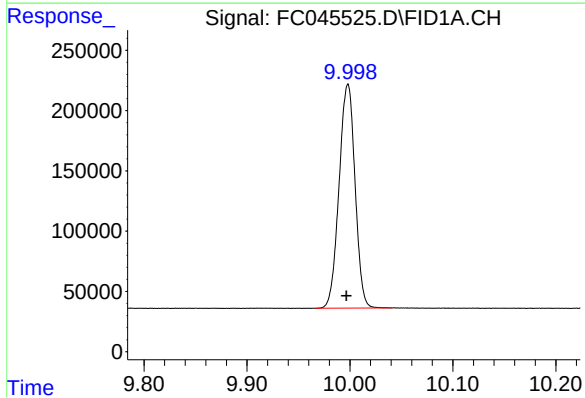
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 2223207
Conc: 20.74 ug/ml



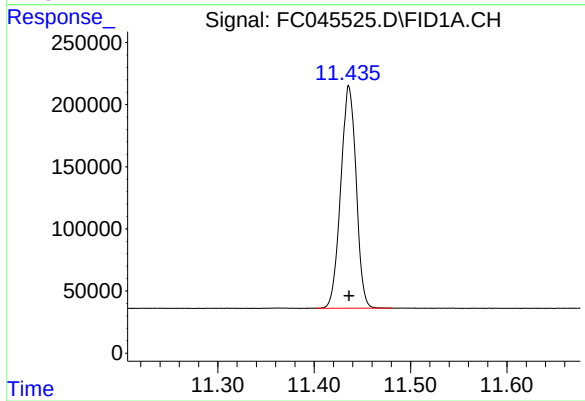
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.002 min
Response: 2025607
Conc: 20.56 ug/ml



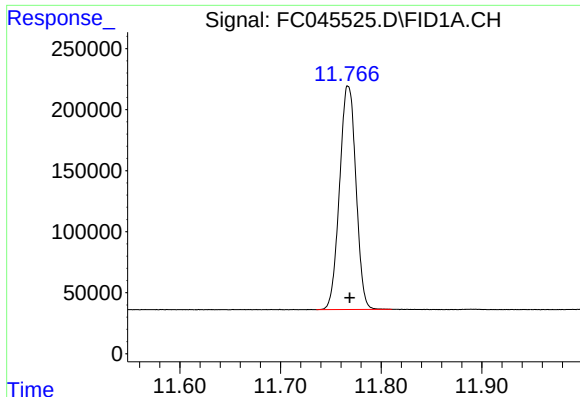
#7 n-Hexadecane (C16)

R.T.: 9.998 min
Delta R.T.: 0.002 min
Response: 2005009
Conc: 20.03 ug/ml



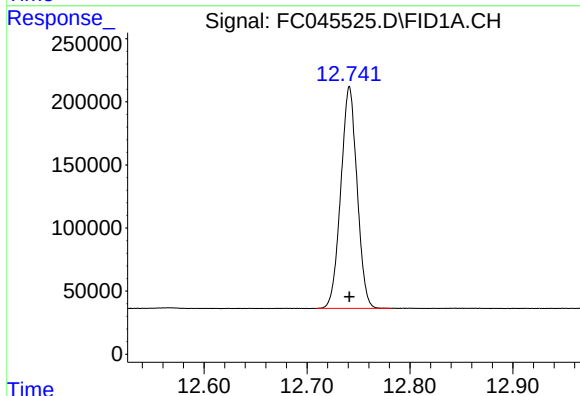
#8 n-Octadecane (C18)

R.T.: 11.436 min
Delta R.T.: 0.000 min
Response: 1981084
Conc: 19.45 ug/ml



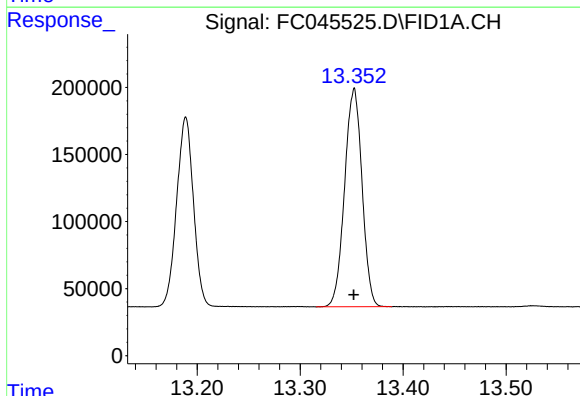
#9 ortho-Terphenyl (SURR)

R.T.: 11.767 min
Delta R.T.: -0.002 min
Response: 2073849
Conc: 18.87 ug/ml



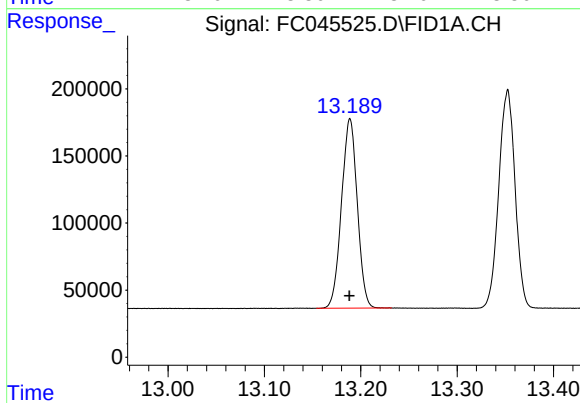
#10 n-Eicosane (C20)

R.T.: 12.741 min
Delta R.T.: 0.000 min
Response: 1930503
Conc: 18.82 ug/ml



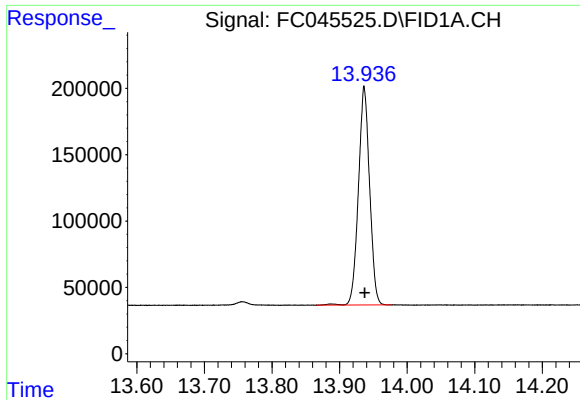
#11 n-Heneicosane (C21)

R.T.: 13.352 min
Delta R.T.: 0.000 min
Response: 1916476
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.189 min
Delta R.T.: 0.000 min
Response: 1600412
Conc: 18.41 ug/ml



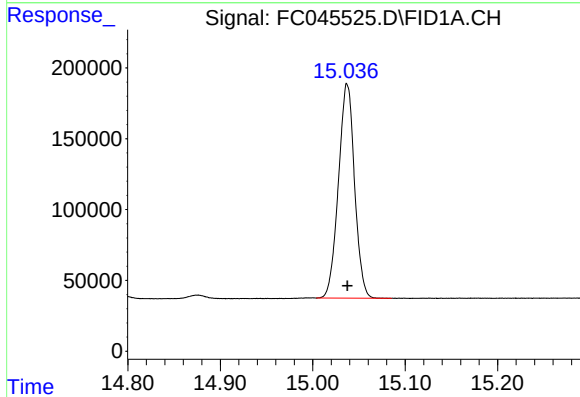
#13 n-Docosane (C22)

R.T.: 13.937 min

Delta R.T.: 0.000 min

Response: 1888912

Conc: 18.31 ug/ml



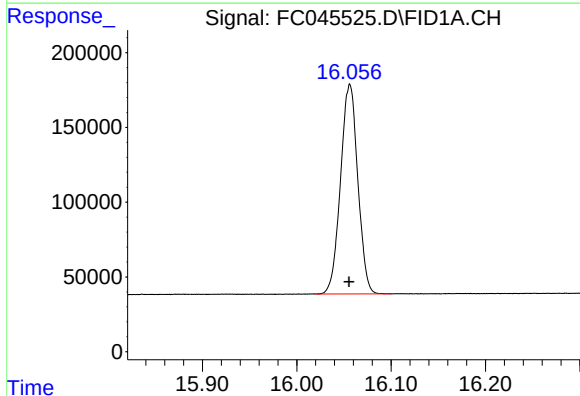
#14 n-Tetracosane (C24)

R.T.: 15.037 min

Delta R.T.: 0.000 min

Response: 1834461

Conc: 17.65 ug/ml



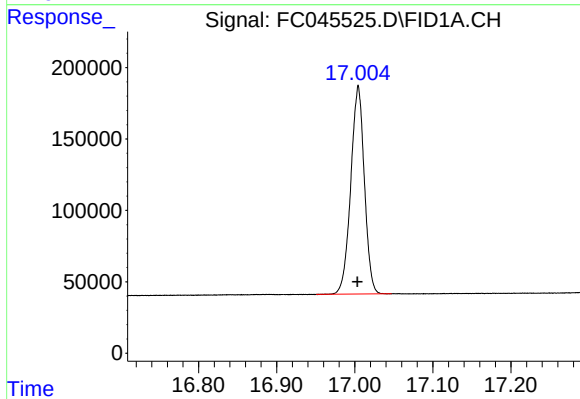
#15 n-Hexacosane (C26)

R.T.: 16.056 min

Delta R.T.: 0.000 min

Response: 1784541

Conc: 17.27 ug/ml



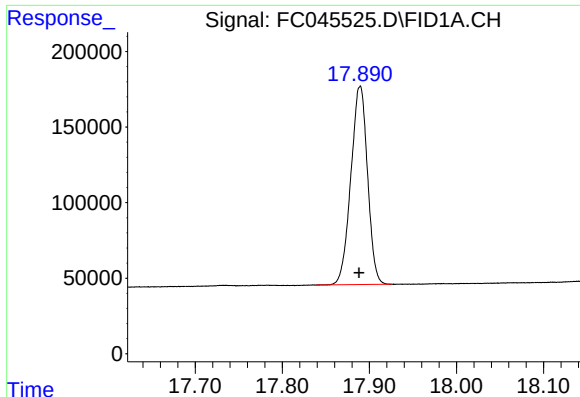
#16 n-Octacosane (C28)

R.T.: 17.005 min

Delta R.T.: 0.001 min

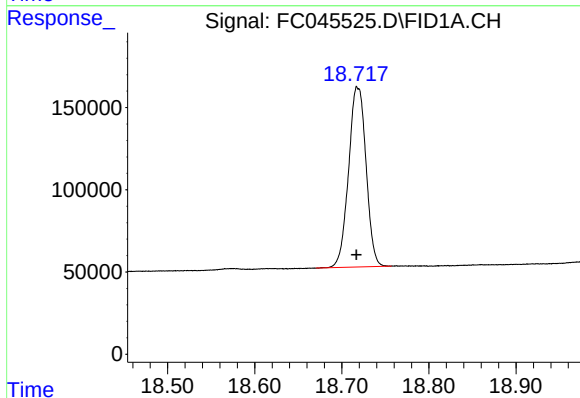
Response: 1762752

Conc: 17.25 ug/ml



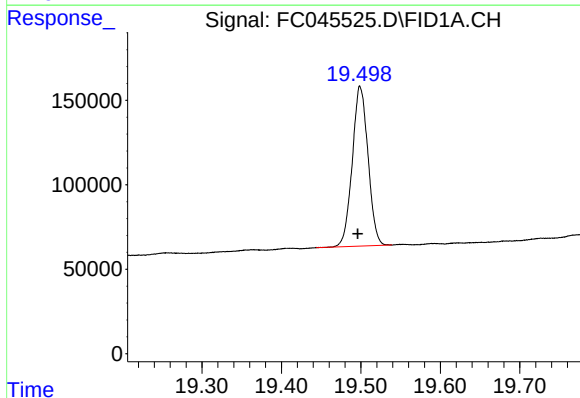
#17 n-Tricontane (C30)

R.T.: 17.889 min
Delta R.T.: 0.001 min
Response: 1743972
Conc: 17.76 ug/ml



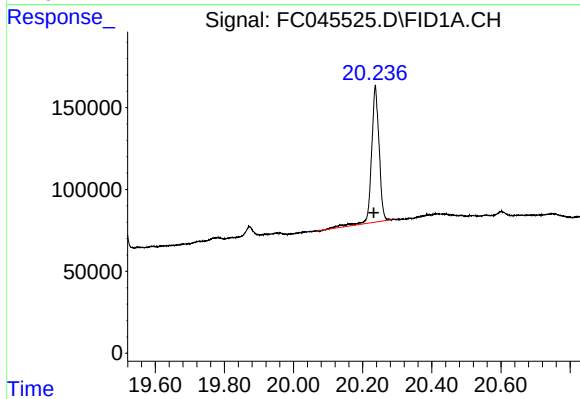
#18 n-Dotriacontane (C32)

R.T.: 18.718 min
Delta R.T.: 0.001 min
Response: 1522195
Conc: 18.29 ug/ml



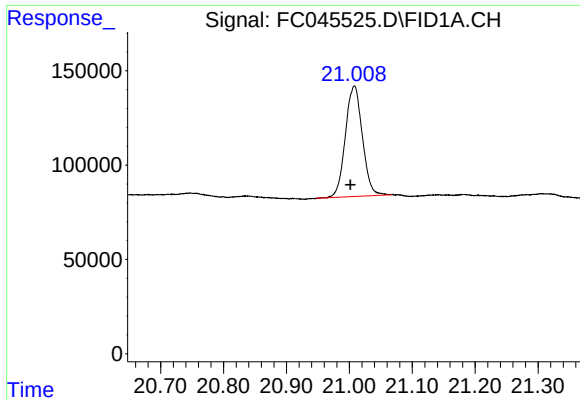
#19 n-Tetratriacontane (C34)

R.T.: 19.499 min
Delta R.T.: 0.003 min
Response: 1302179
Conc: 18.40 ug/ml



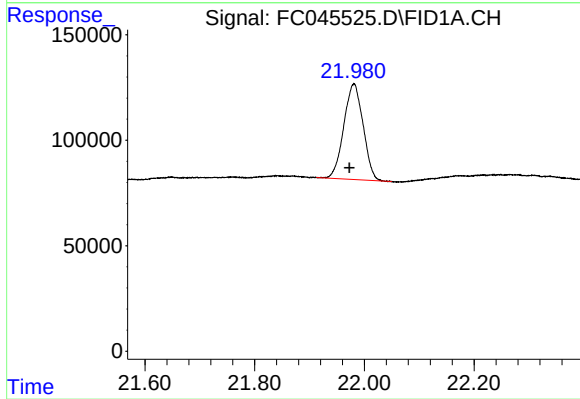
#20 n-Hexatriacontane (C36)

R.T.: 20.237 min
Delta R.T.: 0.005 min
Response: 1273151
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: 0.007 min
Response: 1098451
Conc: 18.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.981 min
Delta R.T.: 0.009 min
Response: 1105254
Conc: 18.74 ug/ml