

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050719AL\
 Data File : FC041049.D
 Signal(s) : FID1A.CH
 Acq On : 07 May 2019 9:44
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 07 10:17:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042219.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 22 15:26:11 2019
 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)	11.026	2151560	20.652 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
12) S 1-chlorooctadecane (S...	12.455	1692932	20.432 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	2.865	1898231	21.037 ug/ml
2) T n-Decane (C10)	3.884	1926178	20.974 ug/ml
3) T A~Naphthalene (C11.7)	5.459	2220679	21.370 ug/ml
4) T n-Dodecane (C12)	5.877	1916422	20.672 ug/ml
5) T A~2-methylnaphthalene...	6.509	2216530	21.133 ug/ml
6) T n-Tetradecane (C14)	7.666	1915121	20.118 ug/ml
7) T n-Hexadecane (C16)	9.264	1895723	19.688 ug/ml
8) T n-Octadecane (C18)	10.703	1889951	19.449 ug/ml
10) T n-Eicosane (C20)	12.008	1921501	20.051 ug/ml
11) T n-Heneicosane (C21)	12.619	1921583	20.537 ug/ml
13) T n-Docosane (C22)	13.205	1941124	20.979 ug/ml
14) T n-Tetracosane (C24)	14.305	1988810	21.827 ug/ml
15) T n-Hexacosane (C26)	15.323	2000009	22.283 ug/ml
16) T n-Octacosane (C28)	16.271	2015248	21.505 ug/ml
17) T n-Tricontane (C30)	17.157	1975998	18.487 ug/ml
18) T n-Dotriacontane (C32)	17.986	1839568	18.635 ug/ml
19) T n-Tetratriacontane (C34)	18.803	1571809	20.644 ug/ml
20) T n-Hexatriacontane (C36)	19.826	1379869	20.701 ug/ml
21) T n-Octatriacontane (C38)	21.212	1239658	19.349 ug/ml
22) T n-Tetracontane (C40)	23.135	1177690	18.691 ug/ml

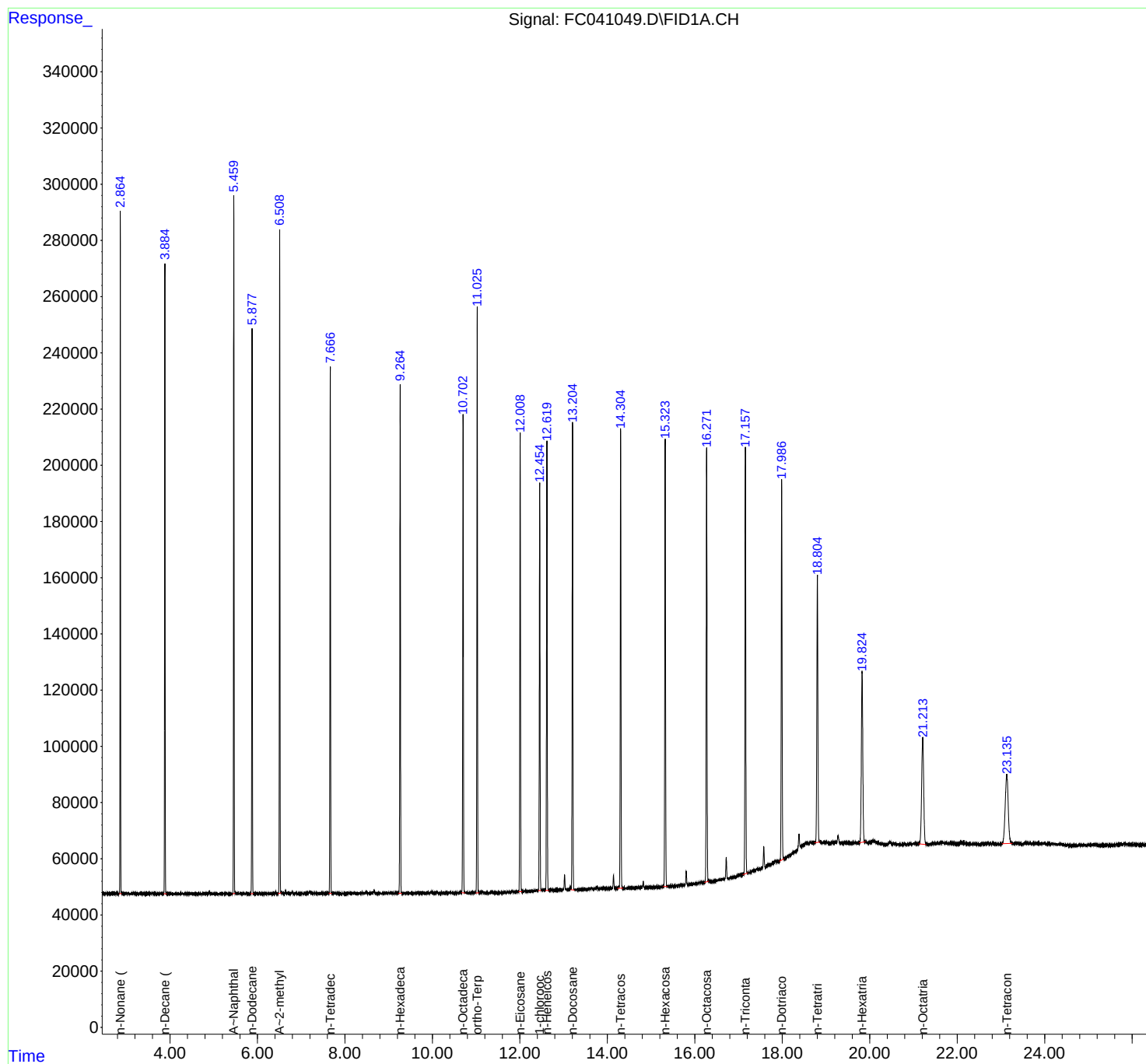
(f)=RT Delta > 1/2 Window

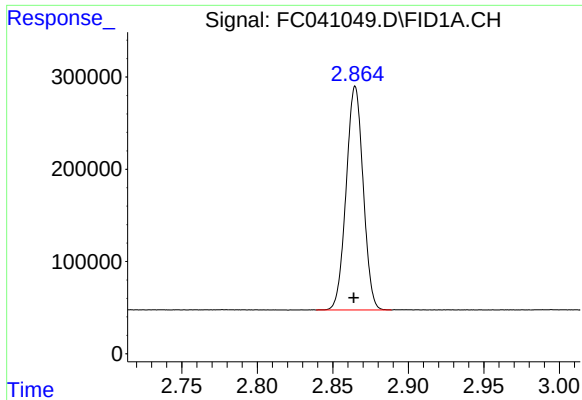
(m)=manual int.

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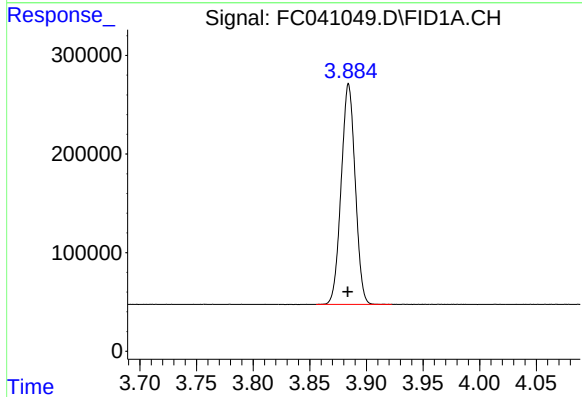
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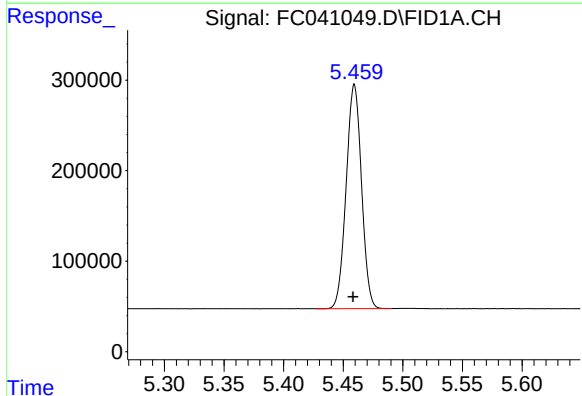
#1 n-Nonane (C9)

R.T.: 2.865 min
Delta R.T.: 0.000 min
Response: 1898231
Conc: 21.04 ug/ml



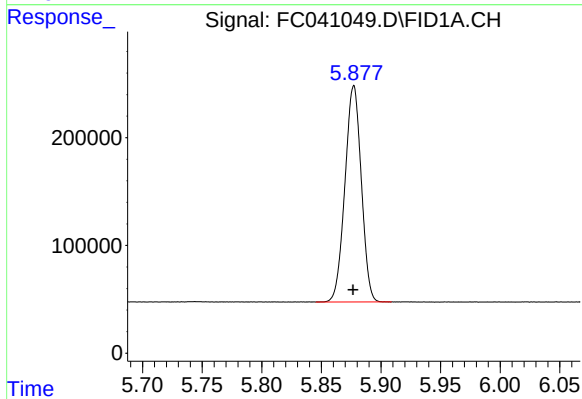
#2 n-Decane (C10)

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 1926178
Conc: 20.97 ug/ml



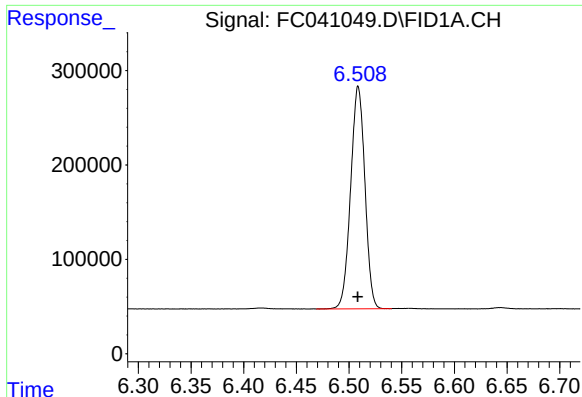
#3 A~Naphthalene (C11.7)

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 2220679
Conc: 21.37 ug/ml



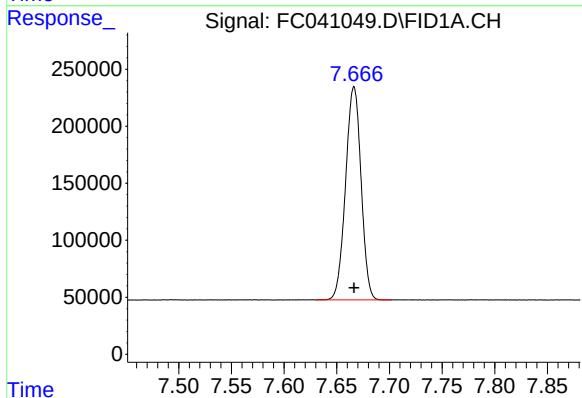
#4 n-Dodecane (C12)

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 1916422
Conc: 20.67 ug/ml



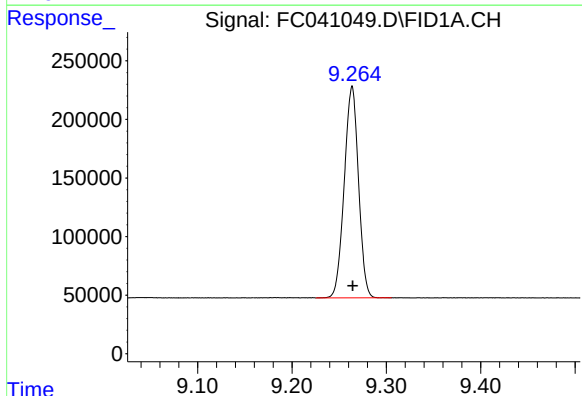
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 2216530
Conc: 21.13 ug/ml



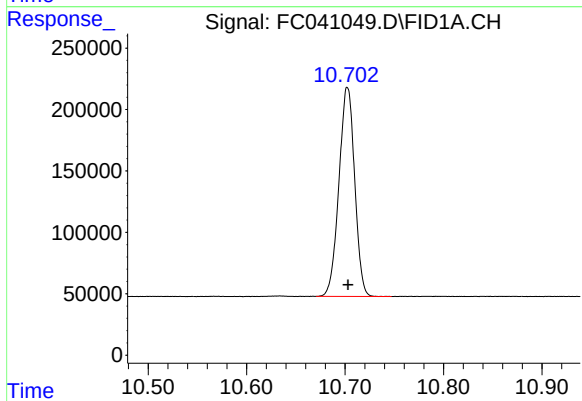
#6 n-Tetradecane (C14)

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 1915121
Conc: 20.12 ug/ml



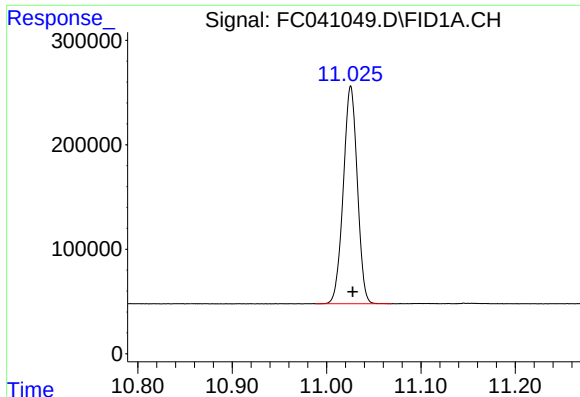
#7 n-Hexadecane (C16)

R.T.: 9.264 min
Delta R.T.: 0.000 min
Response: 1895723
Conc: 19.69 ug/ml



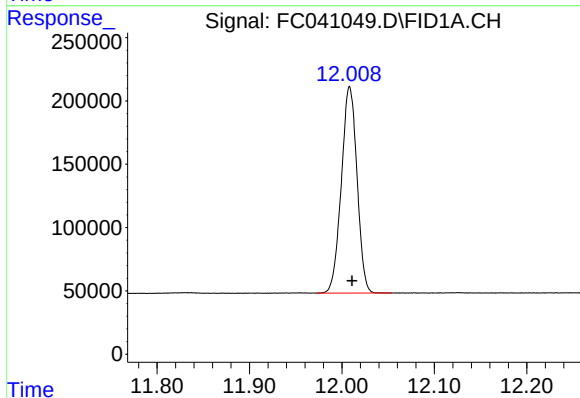
#8 n-Octadecane (C18)

R.T.: 10.703 min
Delta R.T.: 0.000 min
Response: 1889951
Conc: 19.45 ug/ml



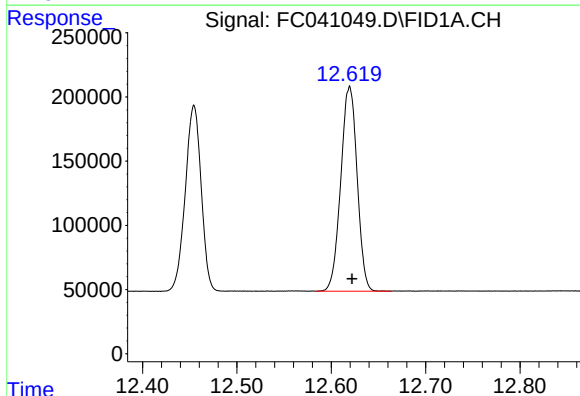
#9 ortho-Terphenyl (SURR)

R.T.: 11.026 min
Delta R.T.: -0.002 min
Response: 2151560
Conc: 20.65 ug/ml



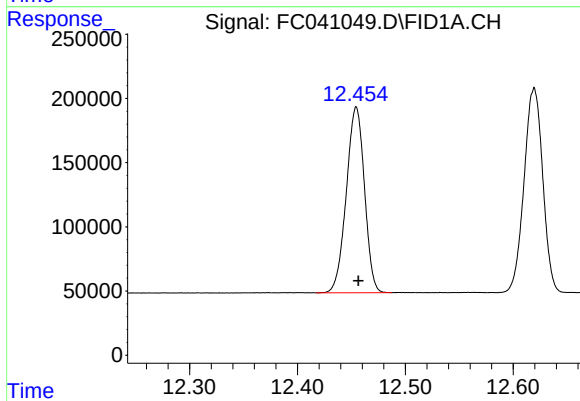
#10 n-Eicosane (C20)

R.T.: 12.008 min
Delta R.T.: -0.002 min
Response: 1921501
Conc: 20.05 ug/ml



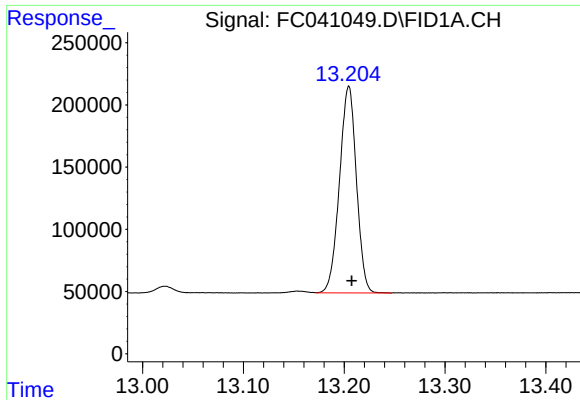
#11 n-Heneicosane (C21)

R.T.: 12.619 min
Delta R.T.: -0.003 min
Response: 1921583
Conc: 20.54 ug/ml



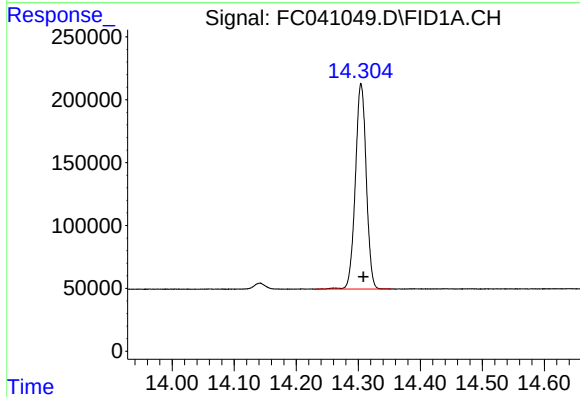
#12 1-chlorooctadecane (SURR)

R.T.: 12.455 min
Delta R.T.: -0.002 min
Response: 1692932
Conc: 20.43 ug/ml



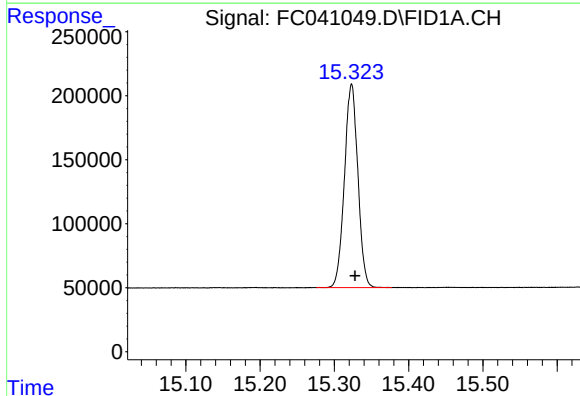
#13 n-Docosane (C22)

R.T.: 13.205 min
Delta R.T.: -0.003 min
Response: 1941124
Conc: 20.98 ug/ml



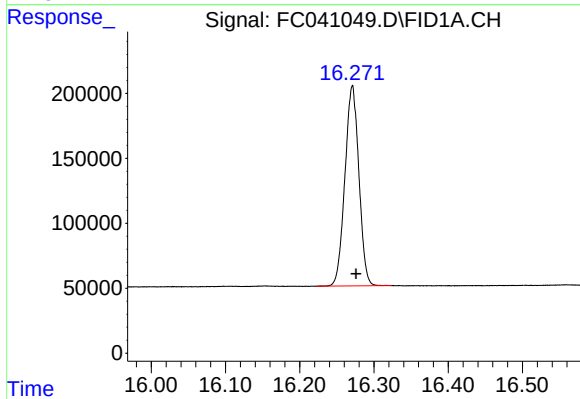
#14 n-Tetracosane (C24)

R.T.: 14.305 min
Delta R.T.: -0.004 min
Response: 1988810
Conc: 21.83 ug/ml



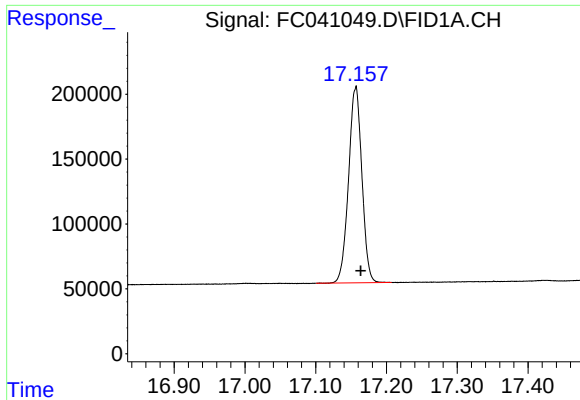
#15 n-Hexacosane (C26)

R.T.: 15.323 min
Delta R.T.: -0.005 min
Response: 2000009
Conc: 22.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 2015248
Conc: 21.51 ug/ml



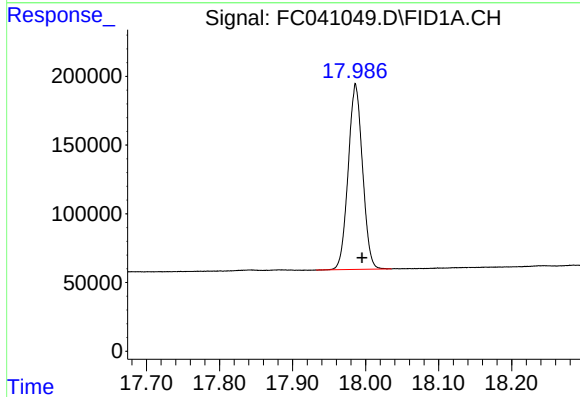
#17 n-Tricontane (C30)

R.T.: 17.157 min

Delta R.T.: -0.007 min

Response: 1975998

Conc: 18.49 ug/ml



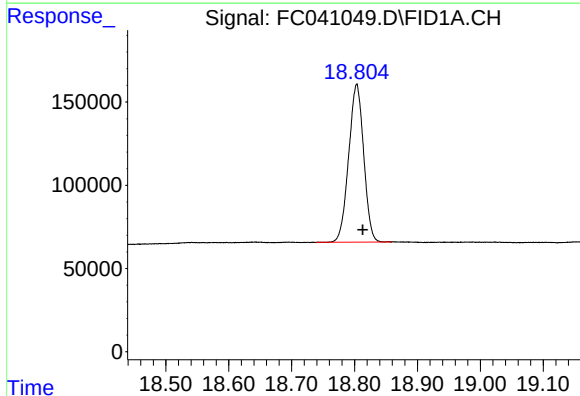
#18 n-Dotriacontane (C32)

R.T.: 17.986 min

Delta R.T.: -0.009 min

Response: 1839568

Conc: 18.63 ug/ml



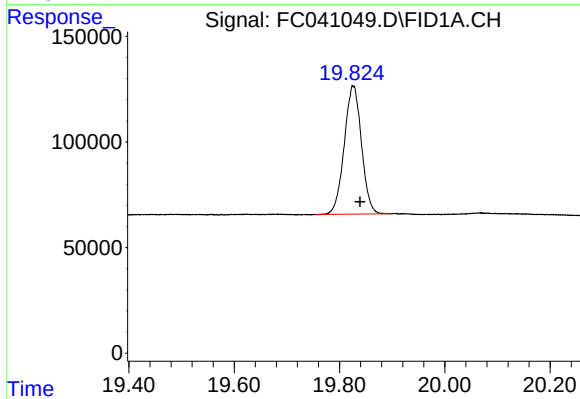
#19 n-Tetratriacontane (C34)

R.T.: 18.803 min

Delta R.T.: -0.010 min

Response: 1571809

Conc: 20.64 ug/ml



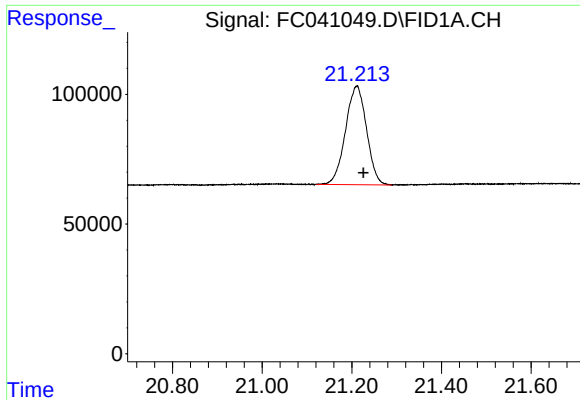
#20 n-Hexatriacontane (C36)

R.T.: 19.826 min

Delta R.T.: -0.013 min

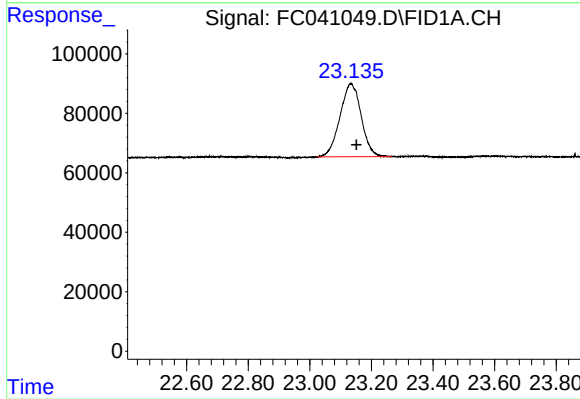
Response: 1379869

Conc: 20.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 1239658
Conc: 19.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.135 min
Delta R.T.: -0.016 min
Response: 1177690
Conc: 18.69 ug/ml