

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070720AL\
 Data File : FC048274.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jul 2020 12:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 08 00:50:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.718	2306006	19.224 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
12) S 1-chlorooctadecane (S...	13.129	1867598	19.070 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.533	2113735	21.122 ug/ml
2) T n-Decane (C10)	4.594	2148321	21.381 ug/ml
3) T A~Naphthalene (C11.7)	6.194	2061976	20.436 ug/ml
4) T n-Dodecane (C12)	6.591	2234036	21.341 ug/ml
5) T A~2-methylnaphthalene...	7.241	2070084	20.000 ug/ml
6) T n-Tetradecane (C14)	8.367	2229680	21.244 ug/ml
7) T n-Hexadecane (C16)	9.953	2199601	21.053 ug/ml
8) T n-Octadecane (C18)	11.384	2268729	20.410 ug/ml
10) T n-Eicosane (C20)	12.682	2232497	19.617 ug/ml
11) T n-Heneicosane (C21)	13.290	2195887	19.189 ug/ml
13) T n-Docosane (C22)	13.872	2150261	18.745 ug/ml
14) T n-Tetracosane (C24)	14.966	2065667	17.976 ug/ml
15) T n-Hexacosane (C26)	15.978	1976300	17.302 ug/ml
16) T n-Octacosane (C28)	16.921	1929631	16.978 ug/ml
17) T n-Tricontane (C30)	17.803	1872708	17.087 ug/ml
18) T n-Dotriacontane (C32)	18.628	1735158	17.503 ug/ml
19) T n-Tetratriacontane (C34)	19.408	1669555	18.230 ug/ml
20) T n-Hexatriacontane (C36)	20.144	1608888	18.761 ug/ml
21) T n-Octatriacontane (C38)	20.892	1569319	19.706 ug/ml
22) T n-Tetracontane (C40)	21.824	1569733	19.853 ug/ml

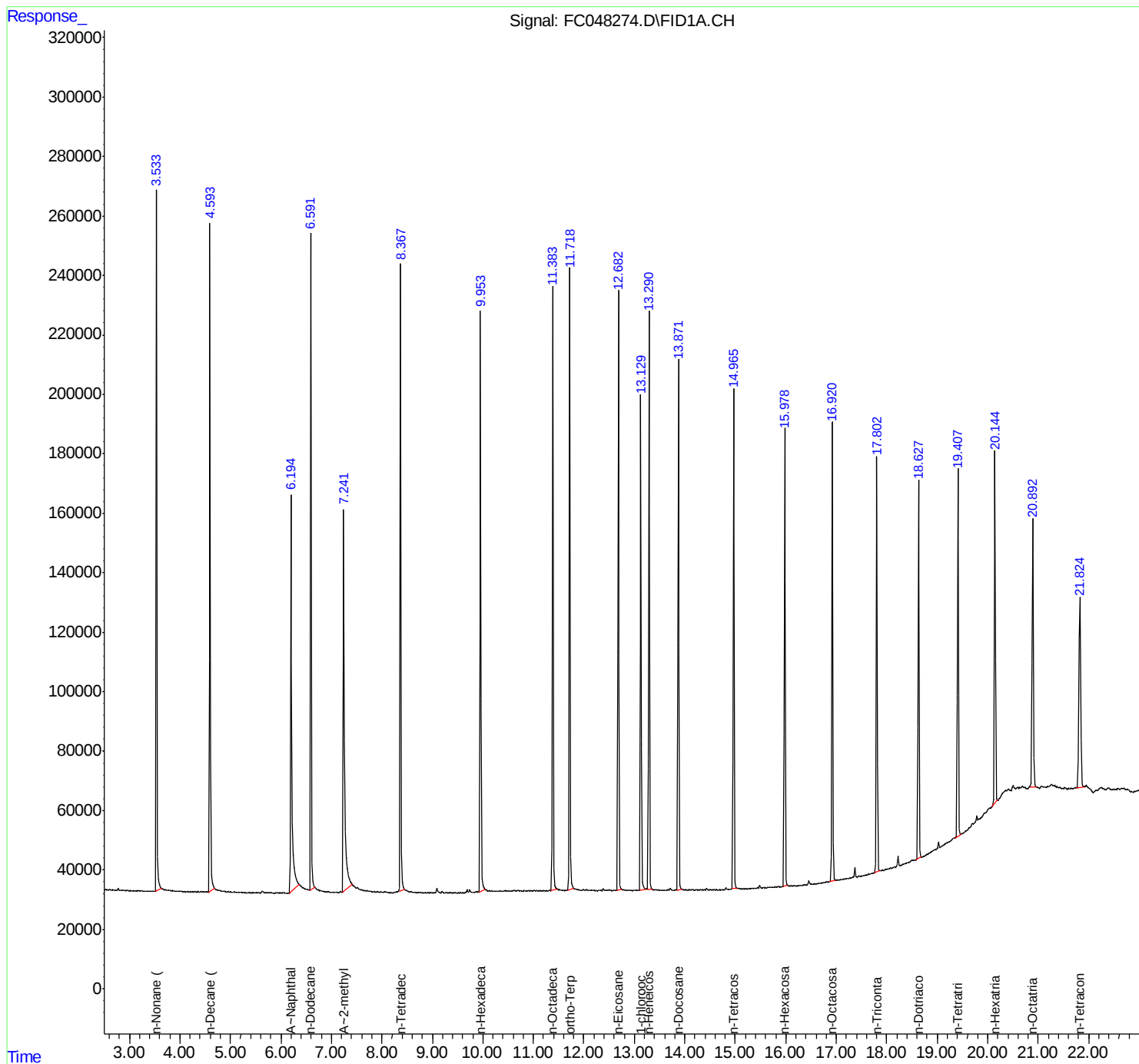
(f)=RT Delta > 1/2 Window

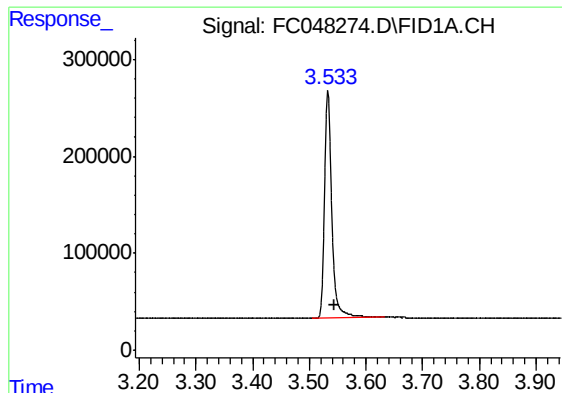
(m)=manual int.

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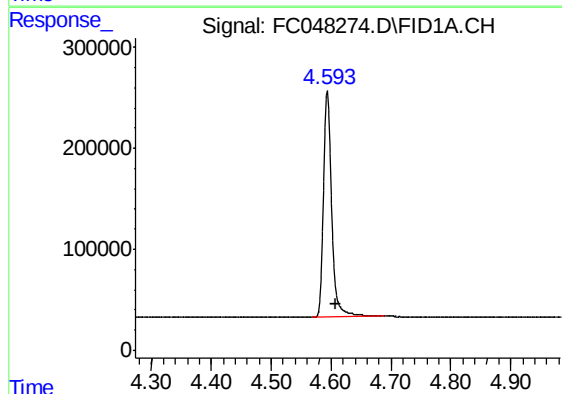
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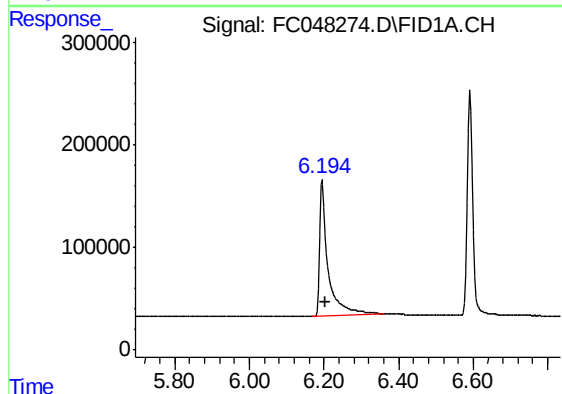
#1 n-Nonane (C9)

R.T.: 3.533 min
Delta R.T.: -0.011 min
Response: 2113735
Conc: 21.12 ug/ml



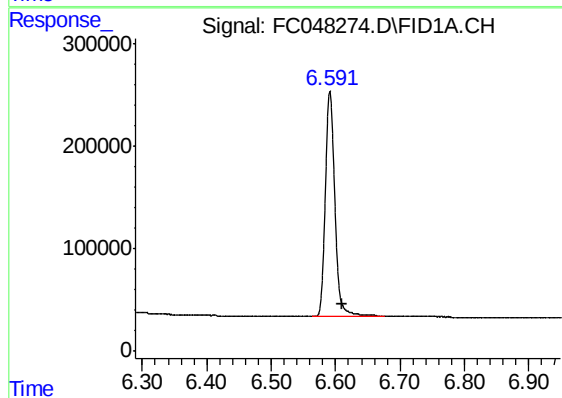
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.014 min
Response: 2148321
Conc: 21.38 ug/ml



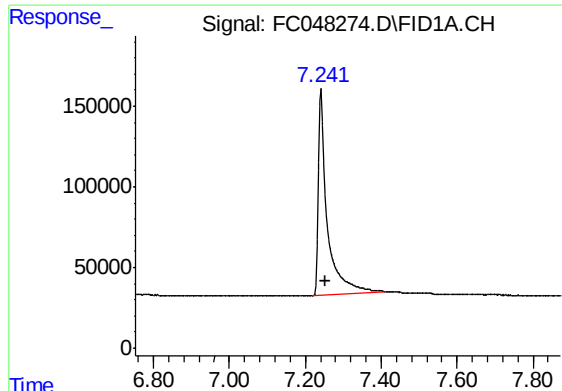
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: -0.010 min
Response: 2061976
Conc: 20.44 ug/ml



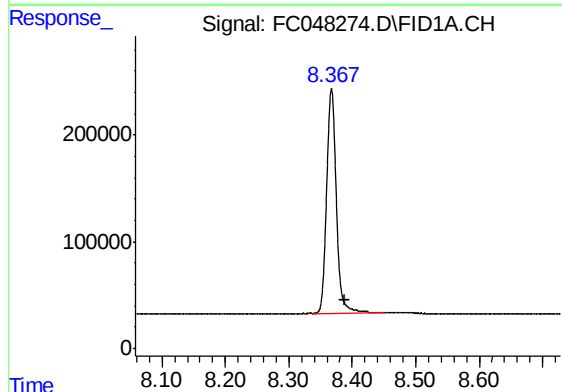
#4 n-Dodecane (C12)

R.T.: 6.591 min
Delta R.T.: -0.019 min
Response: 2234036
Conc: 21.34 ug/ml



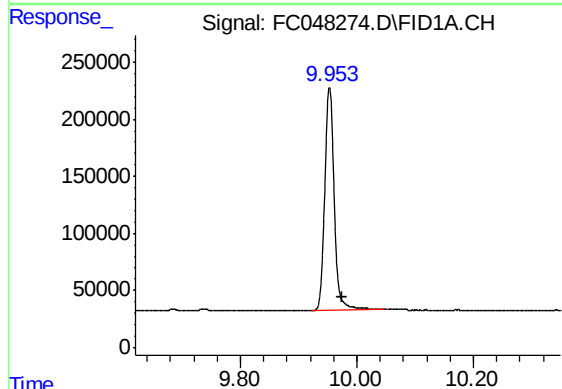
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.241 min
Delta R.T.: -0.012 min
Response: 2070084
Conc: 20.00 ug/ml



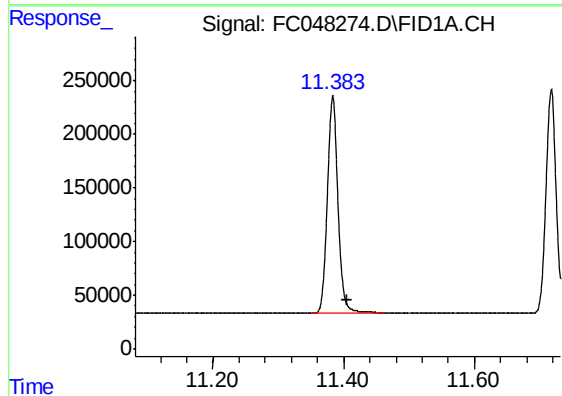
#6 n-Tetradecane (C14)

R.T.: 8.367 min
Delta R.T.: -0.020 min
Response: 2229680
Conc: 21.24 ug/ml



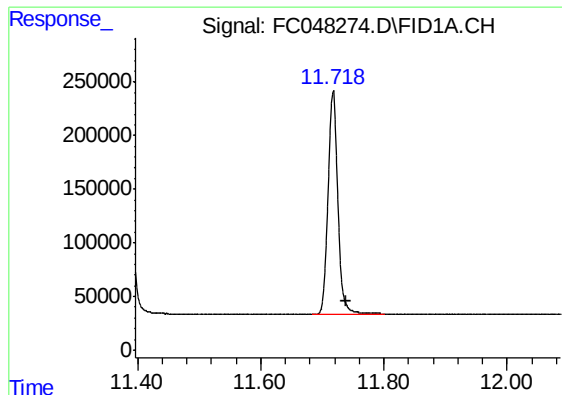
#7 n-Hexadecane (C16)

R.T.: 9.953 min
Delta R.T.: -0.021 min
Response: 2199601
Conc: 21.05 ug/ml



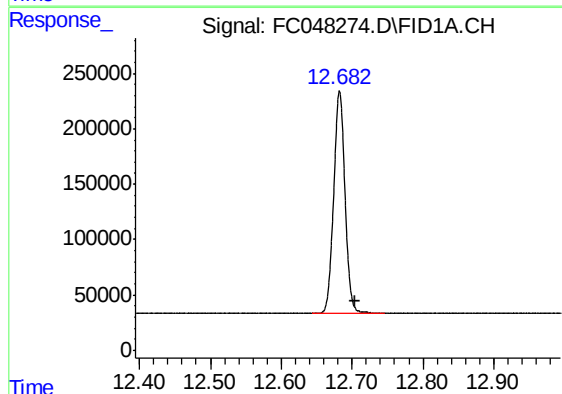
#8 n-Octadecane (C18)

R.T.: 11.384 min
Delta R.T.: -0.022 min
Response: 2268729
Conc: 20.41 ug/ml



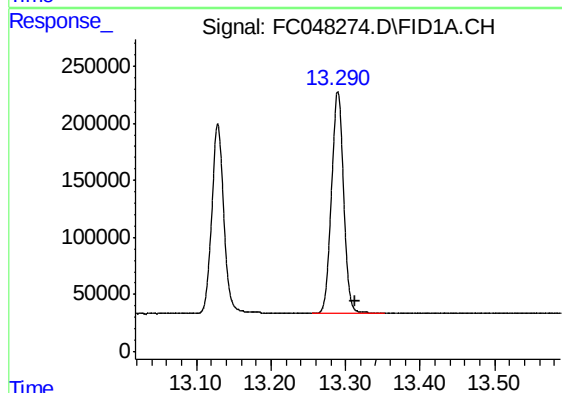
#9 ortho-Terphenyl (SURR)

R.T.: 11.718 min
Delta R.T.: -0.021 min
Response: 2306006
Conc: 19.22 ug/ml



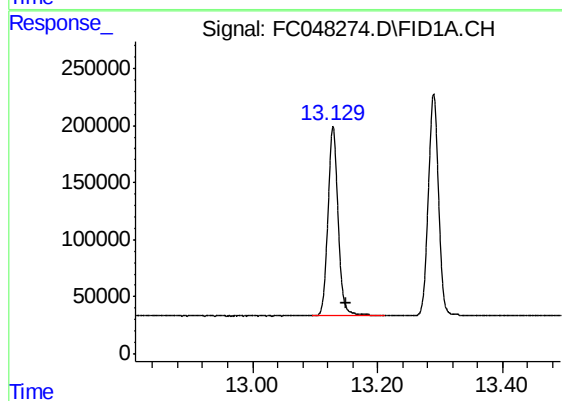
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: -0.022 min
Response: 2232497
Conc: 19.62 ug/ml



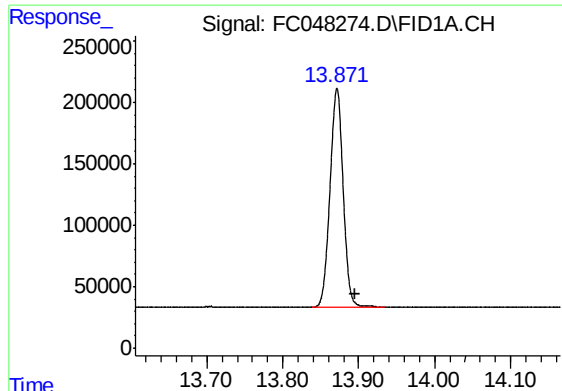
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.023 min
Response: 2195887
Conc: 19.19 ug/ml



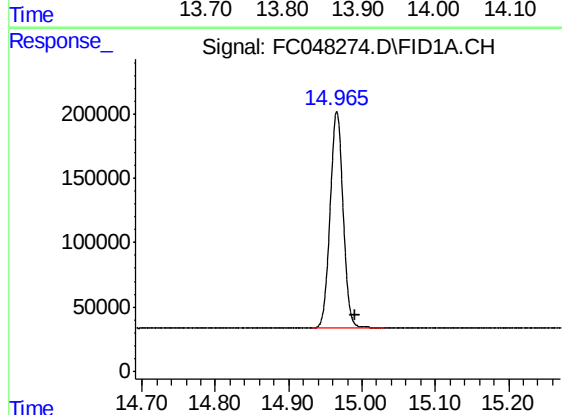
#12 1-chlorooctadecane (SURR)

R.T.: 13.129 min
Delta R.T.: -0.021 min
Response: 1867598
Conc: 19.07 ug/ml



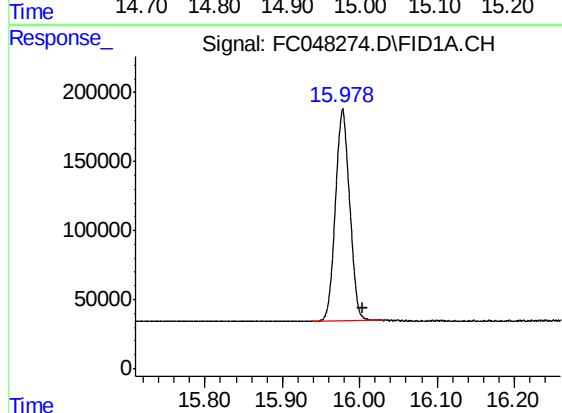
#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: -0.024 min
Response: 2150261
Conc: 18.75 ug/ml



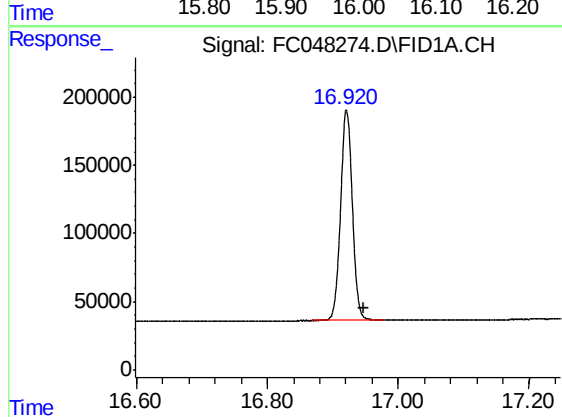
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.025 min
Response: 2065667
Conc: 17.98 ug/ml



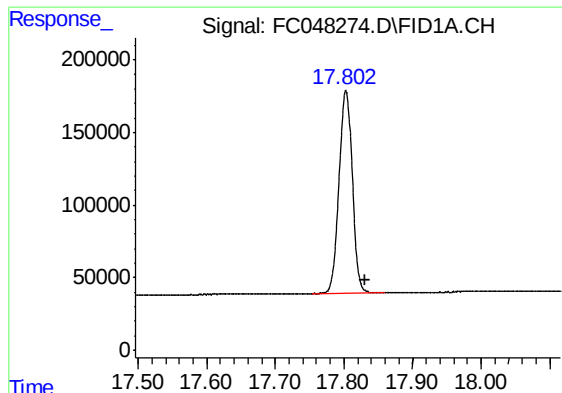
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: -0.026 min
Response: 1976300
Conc: 17.30 ug/ml



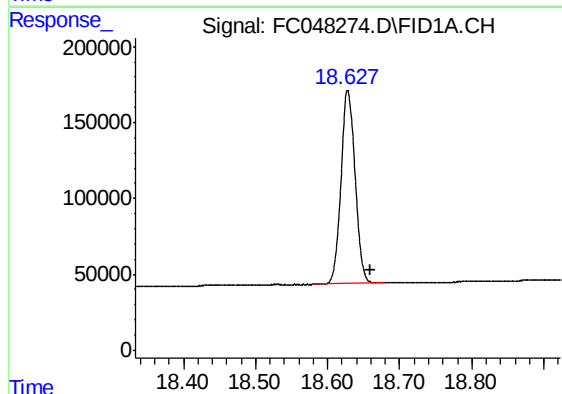
#16 n-Octacosane (C28)

R.T.: 16.921 min
Delta R.T.: -0.027 min
Response: 1929631
Conc: 16.98 ug/ml



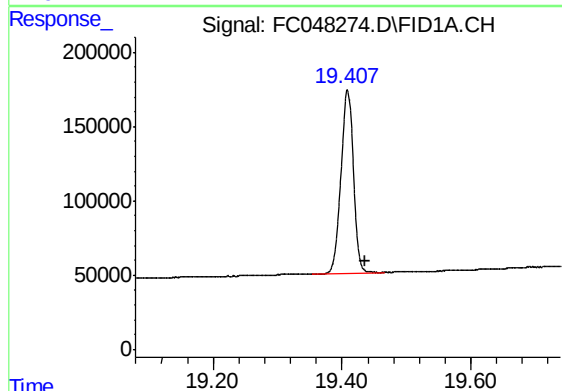
#17 n-Tricontane (C30)

R.T.: 17.803 min
Delta R.T.: -0.028 min
Response: 1872708
Conc: 17.09 ug/ml



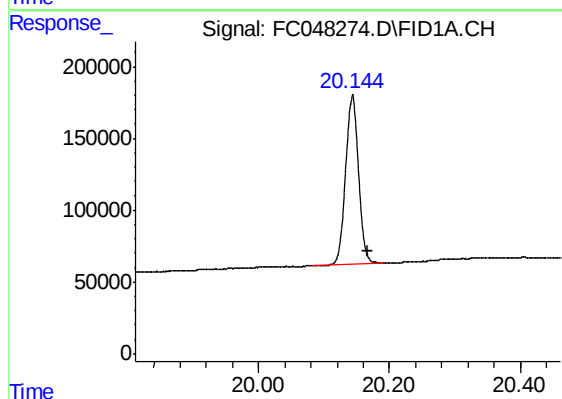
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: -0.031 min
Response: 1735158
Conc: 17.50 ug/ml



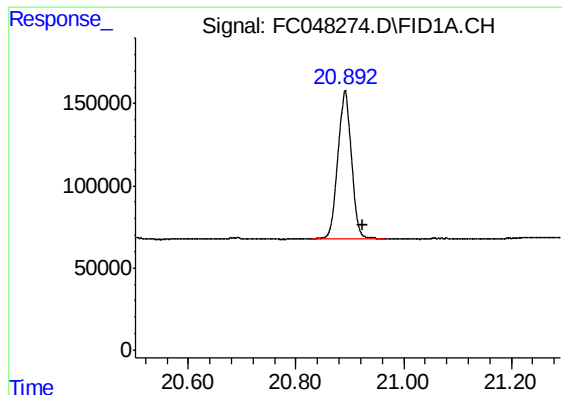
#19 n-Tetatriacontane (C34)

R.T.: 19.408 min
Delta R.T.: -0.027 min
Response: 1669555
Conc: 18.23 ug/ml



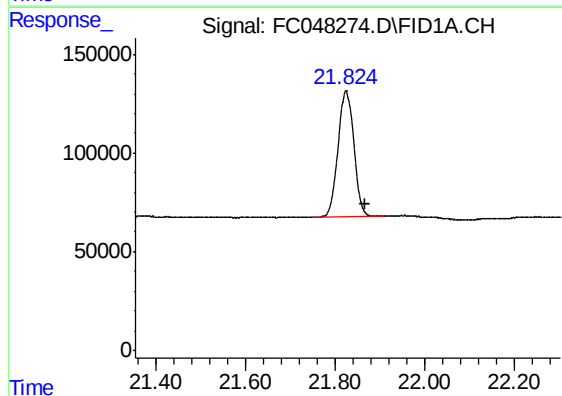
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: -0.024 min
Response: 1608888
Conc: 18.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.892 min
Delta R.T.: -0.031 min
Response: 1569319
Conc: 19.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.824 min
Delta R.T.: -0.044 min
Response: 1569733
Conc: 19.85 ug/ml