

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120518AL\
 Data File : FC038007.D
 Signal(s) : FID1A.CH
 Acq On : 05 Dec 2018 11:37
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 05 12:21:03 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 111318.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 14 03:04:33 2018
 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)	11.290	2567680	23.534 ug/ml
Spiked Amount 50.000		Recovery =	47.07%
12) S 1-chlorooctadecane (S...	12.732	1883121	21.963 ug/ml
Spiked Amount 50.000		Recovery =	43.93%
Target Compounds			
1) T n-Nonane (C9)	3.122	1696083	20.678 ug/ml
2) T n-Decane (C10)	4.182	1809019	21.955 ug/ml
3) T A~Naphthalene (C11.7)	5.744	2266793	24.294 ug/ml
4) T n-Dodecane (C12)	6.188	1934184	22.763 ug/ml
5) T A~2-methylnaphthalene...	6.792	2301823	24.231 ug/ml
6) T n-Tetradecane (C14)	7.970	2029348	22.694 ug/ml
7) T n-Hexadecane (C16)	9.560	2121663	22.870 ug/ml
8) T n-Octadecane (C18)	10.993	2153478	21.921 ug/ml
10) T n-Eicosane (C20)	12.294	2177203	21.789 ug/ml
11) T n-Heneicosane (C21)	12.903	2173616	21.991 ug/ml
13) T n-Docosane (C22)	13.486	2179000	21.724 ug/ml
14) T n-Tetracosane (C24)	14.583	2182043	21.476 ug/ml
15) T n-Hexacosane (C26)	15.600	2164838	21.401 ug/ml
16) T n-Octacosane (C28)	16.546	2235712	22.347 ug/mlm
17) T n-Tricontane (C30)	17.430	2356014	23.990 ug/ml
18) T n-Dotriacontane (C32)	18.259	2283552	24.852 ug/ml
19) T n-Tetratriacontane (C34)	19.038	1920138	24.007 ug/ml
20) T n-Hexatriacontane (C36)	19.778	1628035	22.636 ug/mlm
21) T n-Octatriacontane (C38)	20.474	1501598	21.340 ug/mlm
22) T n-Tetracontane (C40)	21.283	1432184	20.003 ug/ml

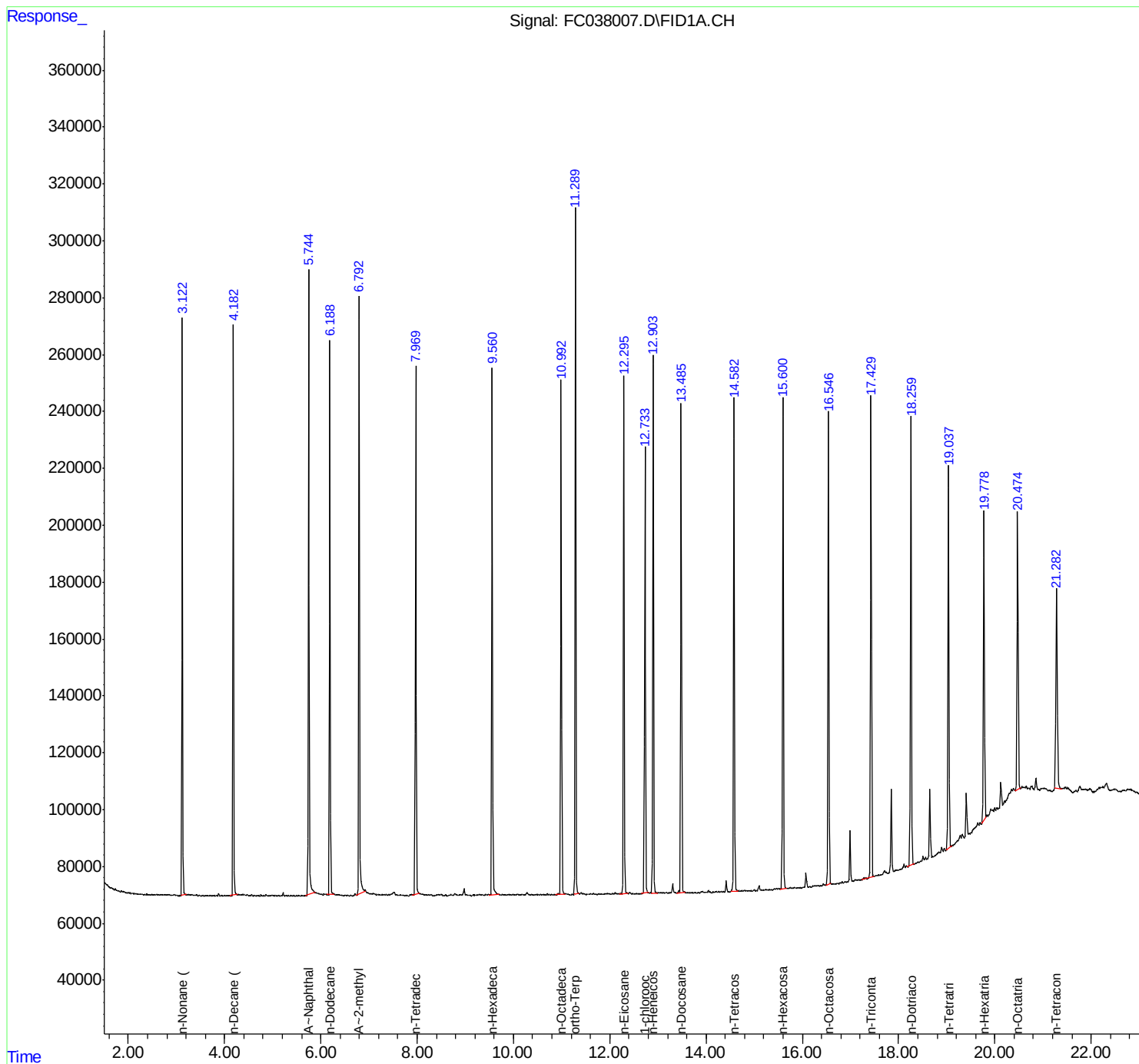
(f)=RT Delta > 1/2 Window

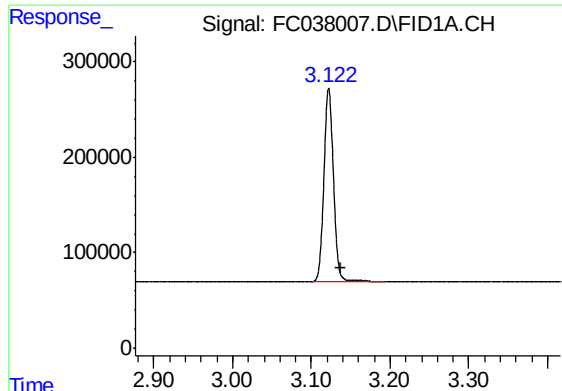
(m)=manual int.

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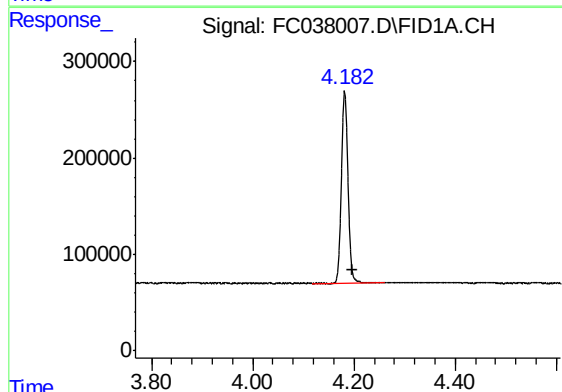
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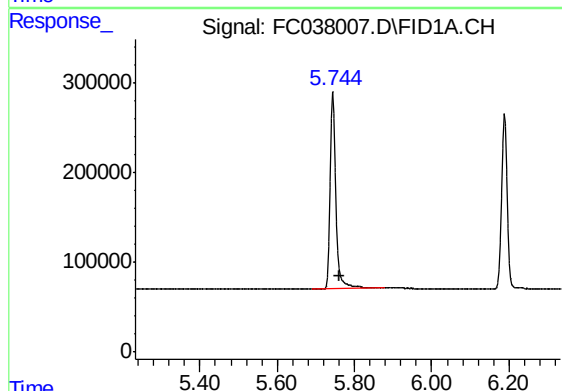
#1 n-Nonane (C9)

R.T.: 3.122 min
Delta R.T.: -0.015 min
Response: 1696083
Conc: 20.68 ug/ml



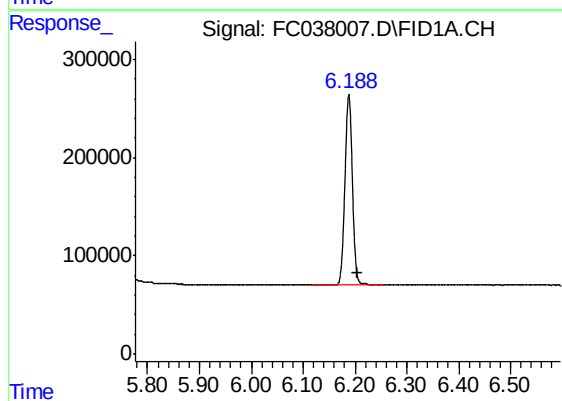
#2 n-Decane (C10)

R.T.: 4.182 min
Delta R.T.: -0.015 min
Response: 1809019
Conc: 21.95 ug/ml



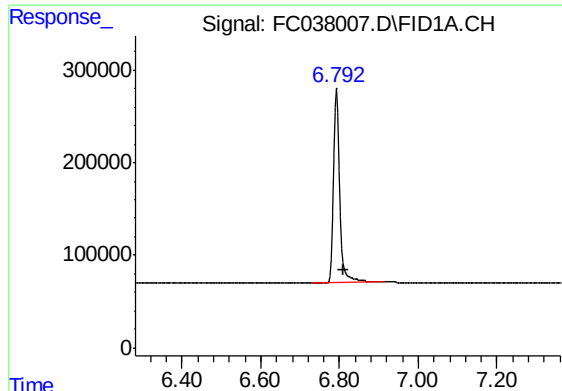
#3 A~Naphthalene (C11.7)

R.T.: 5.744 min
Delta R.T.: -0.016 min
Response: 2266793
Conc: 24.29 ug/ml



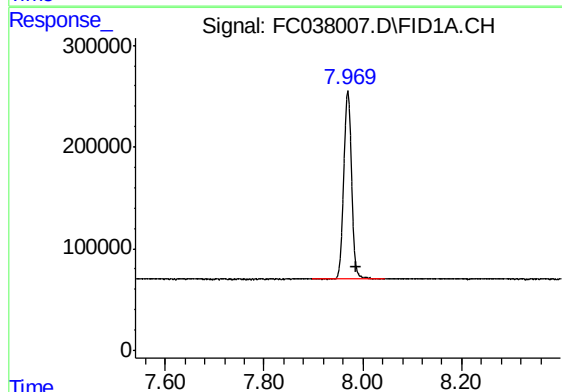
#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: -0.016 min
Response: 1934184
Conc: 22.76 ug/ml



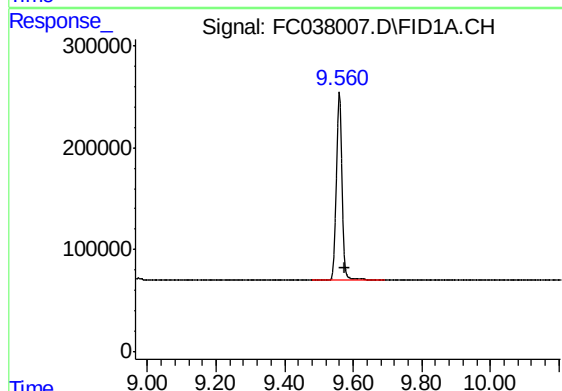
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.792 min
Delta R.T.: -0.017 min
Response: 2301823
Conc: 24.23 ug/ml



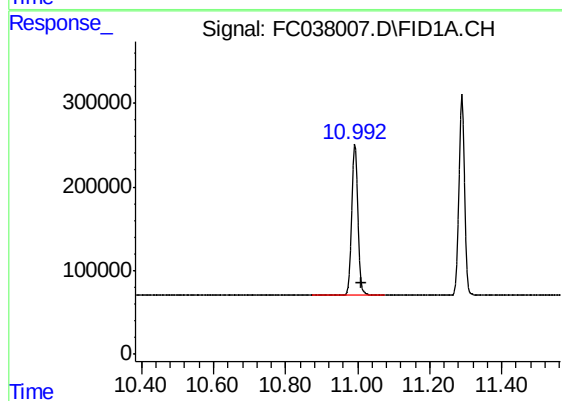
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: -0.017 min
Response: 2029348
Conc: 22.69 ug/ml



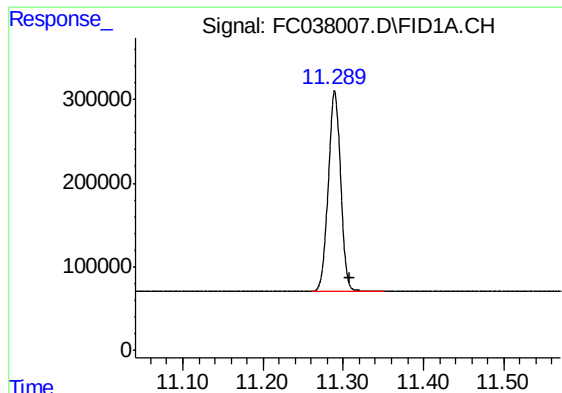
#7 n-Hexadecane (C16)

R.T.: 9.560 min
Delta R.T.: -0.017 min
Response: 2121663
Conc: 22.87 ug/ml



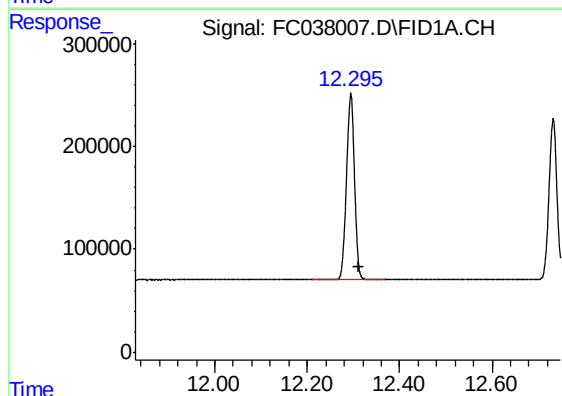
#8 n-Octadecane (C18)

R.T.: 10.993 min
Delta R.T.: -0.017 min
Response: 2153478
Conc: 21.92 ug/ml



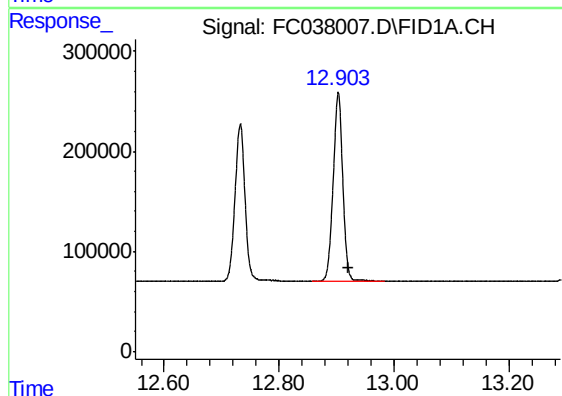
#9 ortho-Terphenyl (SURR)

R.T.: 11.290 min
Delta R.T.: -0.019 min
Response: 2567680
Conc: 23.53 ug/ml



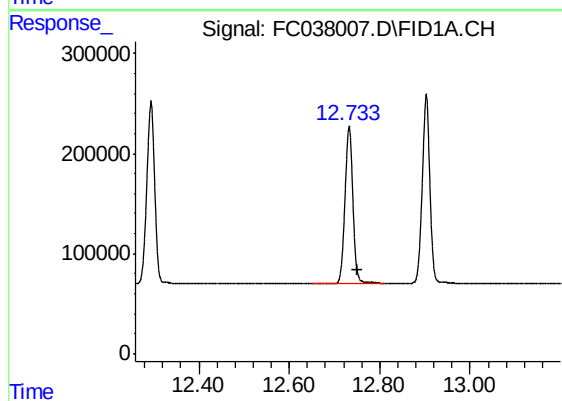
#10 n-Eicosane (C20)

R.T.: 12.294 min
Delta R.T.: -0.018 min
Response: 2177203
Conc: 21.79 ug/ml



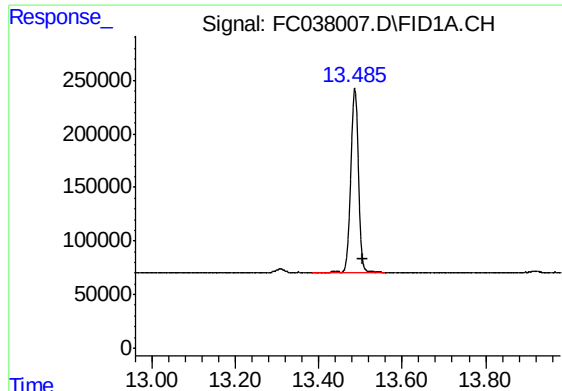
#11 n-Heneicosane (C21)

R.T.: 12.903 min
Delta R.T.: -0.017 min
Response: 2173616
Conc: 21.99 ug/ml



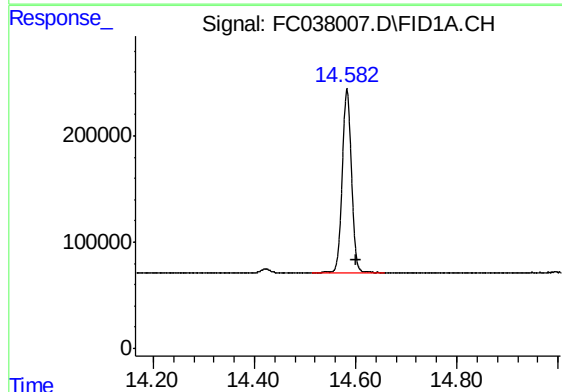
#12 1-chlorooctadecane (SURR)

R.T.: 12.732 min
Delta R.T.: -0.018 min
Response: 1883121
Conc: 21.96 ug/ml



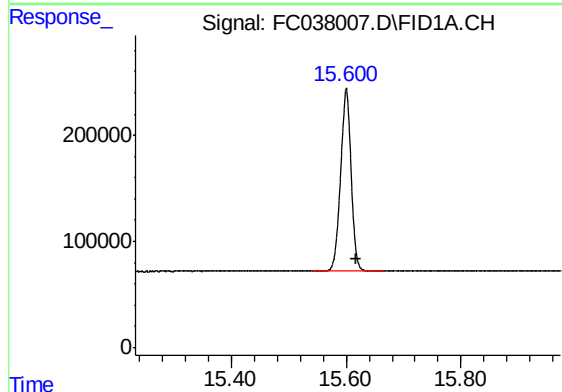
#13 n-Docosane (C22)

R.T.: 13.486 min
Delta R.T.: -0.018 min
Response: 2179000
Conc: 21.72 ug/ml



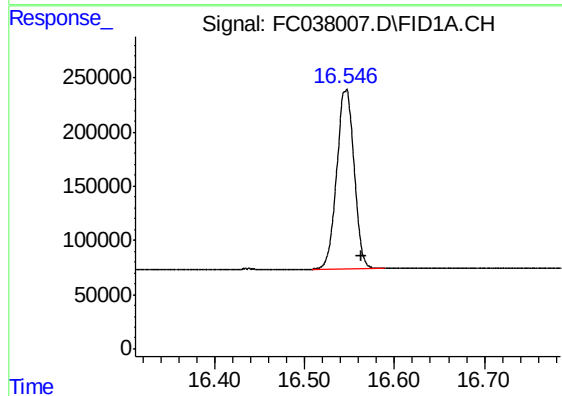
#14 n-Tetracosane (C24)

R.T.: 14.583 min
Delta R.T.: -0.019 min
Response: 2182043
Conc: 21.48 ug/ml



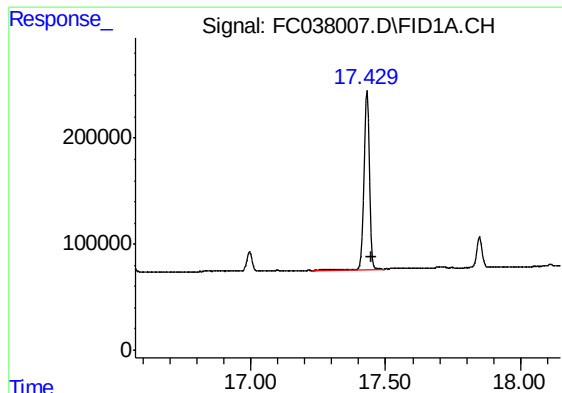
#15 n-Hexacosane (C26)

R.T.: 15.600 min
Delta R.T.: -0.017 min
Response: 2164838
Conc: 21.40 ug/ml



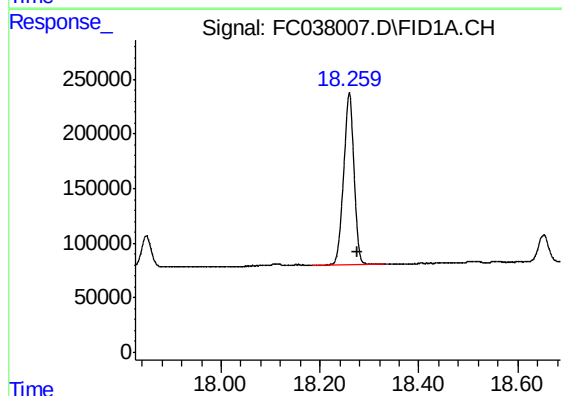
#16 n-Octacosane (C28)

R.T.: 16.546 min
Delta R.T.: -0.016 min
Response: 2235712
Conc: 22.35 ug/ml m



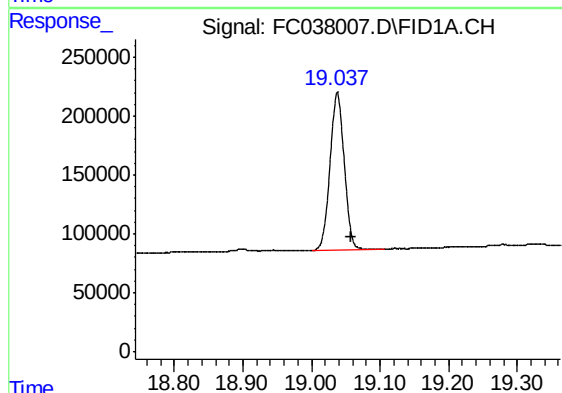
#17 n-Tricontane (C30)

R.T.: 17.430 min
Delta R.T.: -0.016 min
Response: 2356014
Conc: 23.99 ug/ml



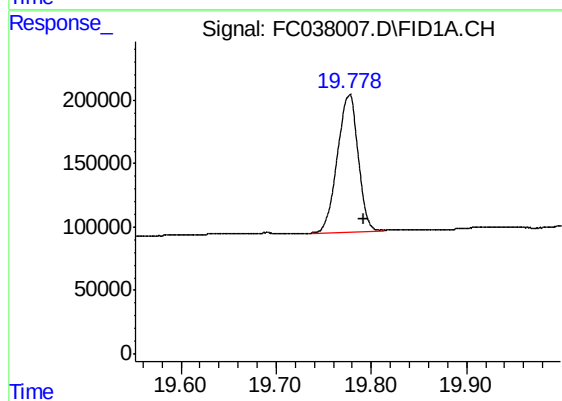
#18 n-Dotriacontane (C32)

R.T.: 18.259 min
Delta R.T.: -0.017 min
Response: 2283552
Conc: 24.85 ug/ml



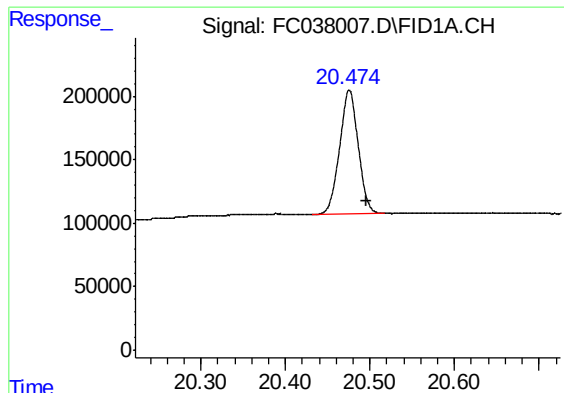
#19 n-Tetratriacontane (C34)

R.T.: 19.038 min
Delta R.T.: -0.019 min
Response: 1920138
Conc: 24.01 ug/ml



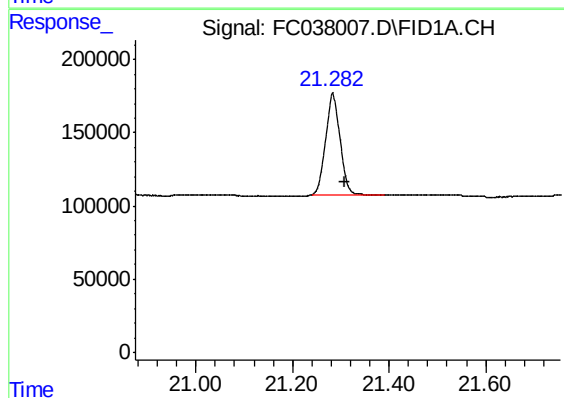
#20 n-Hexatriacontane (C36)

R.T.: 19.778 min
Delta R.T.: -0.015 min
Response: 1628035
Conc: 22.64 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.474 min
Delta R.T.: -0.021 min
Response: 1501598
Conc: 21.34 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.283 min
Delta R.T.: -0.024 min
Response: 1432184
Conc: 20.00 ug/ml