

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020419AL\
 Data File : FC038953.D
 Signal(s) : FID1A.CH
 Acq On : 04 Feb 2019 16:03
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 00:43:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010919.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 05:47:13 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

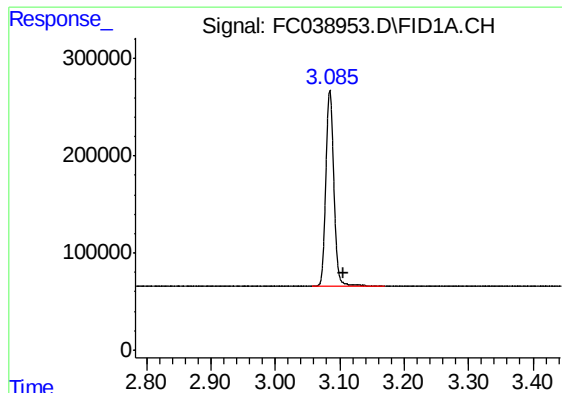
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.236	2135946	19.787 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
12) S 1-chlorooctadecane (S...	12.680	1618486	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
Target Compounds			
1) T n-Nonane (C9)	3.085	1713762	19.179 ug/ml
2) T n-Decane (C10)	4.139	1720828	19.346 ug/ml
3) T A-Naphthalene (C11.7)	5.697	1910782	19.569 ug/ml
4) T n-Dodecane (C12)	6.141	1764116	19.687 ug/ml
5) T A~2-methylnaphthalene...	6.744	1832837	19.106 ug/ml
6) T n-Tetradecane (C14)	7.921	1796159	19.960 ug/ml
7) T n-Hexadecane (C16)	9.510	1844907	20.360 ug/ml
8) T n-Octadecane (C18)	10.942	1865378	20.445 ug/ml
10) T n-Eicosane (C20)	12.242	1895248	20.731 ug/ml
11) T n-Heneicosane (C21)	12.850	1895987	21.193 ug/ml
13) T n-Docosane (C22)	13.433	1898394	21.271 ug/ml
14) T n-Tetracosane (C24)	14.530	1906884	21.596 ug/ml
15) T n-Hexacosane (C26)	15.545	1894694	21.778 ug/ml
16) T n-Octacosane (C28)	16.490	1895252	21.820 ug/ml
17) T n-Tricontane (C30)	17.374	1866463	21.607 ug/ml
18) T n-Dotriacontane (C32)	18.203	1733362	21.302 ug/mlm
19) T n-Tetratriacontane (C34)	18.983	1523381	22.483 ug/ml
20) T n-Hexatriacontane (C36)	19.718	1372508	22.961 ug/mlm
21) T n-Octatriacontane (C38)	20.417	1346885	21.157 ug/ml
22) T n-Tetracontane (C40)	21.203	1301262	22.373 ug/mlm

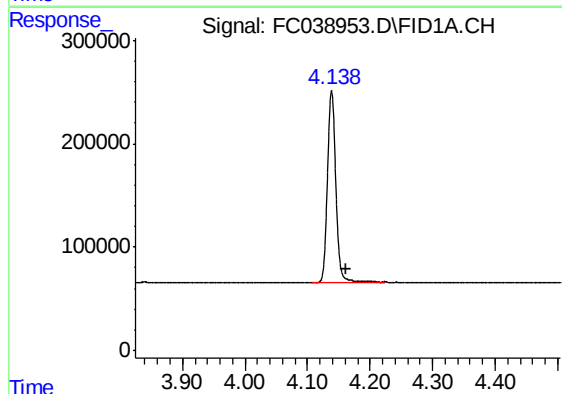
(f)=RT Delta > 1/2 Window

(m)=manual int.



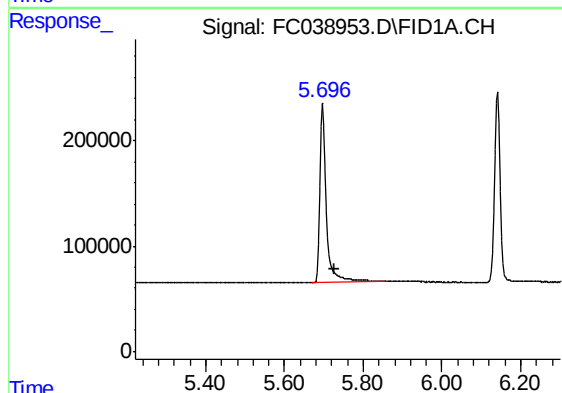
#1 n-Nonane (C9)

R.T.: 3.085 min
Delta R.T.: -0.021 min
Response: 1713762
Conc: 19.18 ug/ml



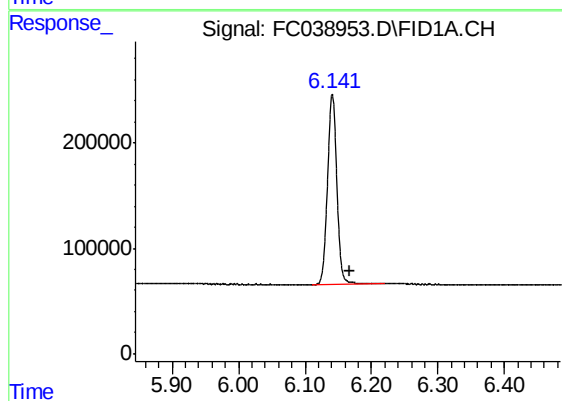
#2 n-Decane (C10)

R.T.: 4.139 min
Delta R.T.: -0.024 min
Response: 1720828
Conc: 19.35 ug/ml



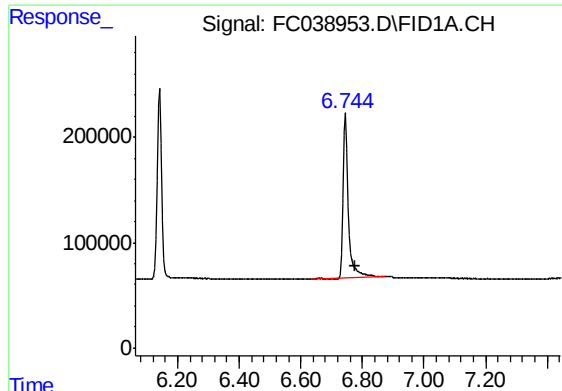
#3 A~Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.031 min
Response: 1910782
Conc: 19.57 ug/ml



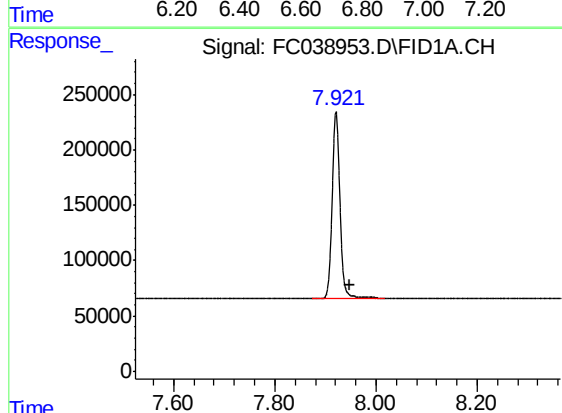
#4 n-Dodecane (C12)

R.T.: 6.141 min
Delta R.T.: -0.026 min
Response: 1764116
Conc: 19.69 ug/ml



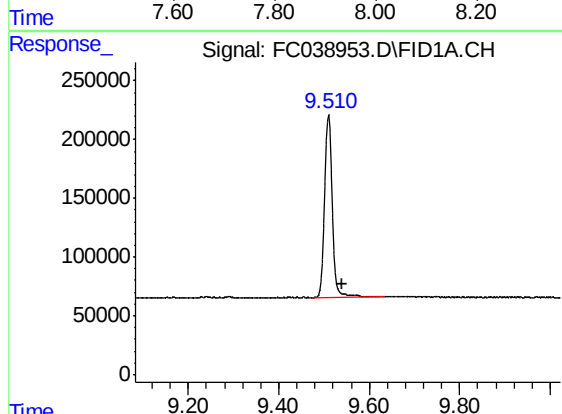
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: -0.032 min
Response: 1832837
Conc: 19.11 ug/ml



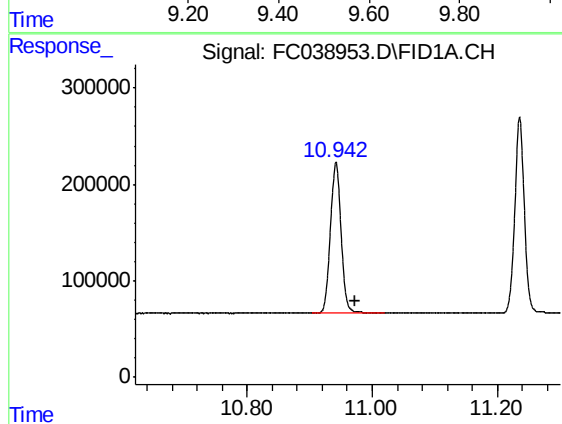
#6 n-Tetradecane (C14)

R.T.: 7.921 min
Delta R.T.: -0.028 min
Response: 1796159
Conc: 19.96 ug/ml



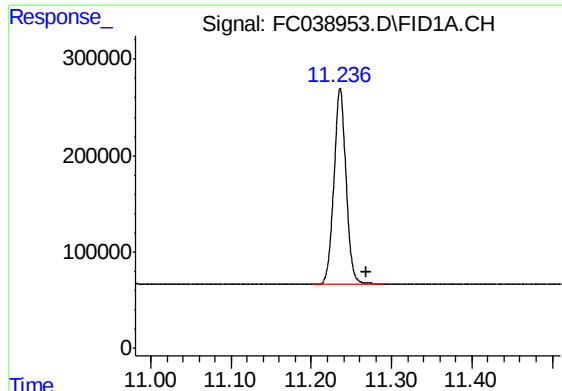
#7 n-Hexadecane (C16)

R.T.: 9.510 min
Delta R.T.: -0.029 min
Response: 1844907
Conc: 20.36 ug/ml



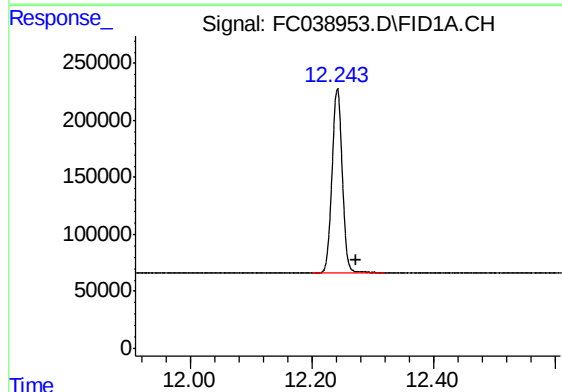
#8 n-Octadecane (C18)

R.T.: 10.942 min
Delta R.T.: -0.030 min
Response: 1865378
Conc: 20.44 ug/ml



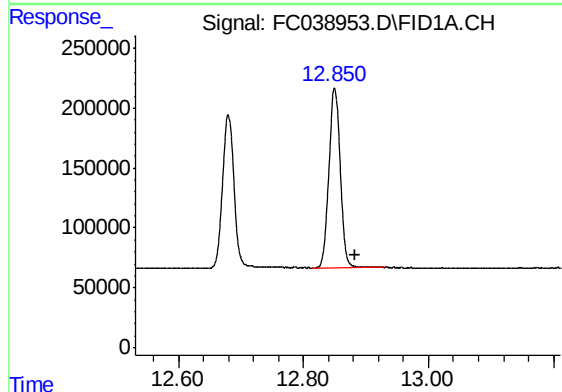
#9 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: -0.033 min
Response: 2135946
Conc: 19.79 ug/ml



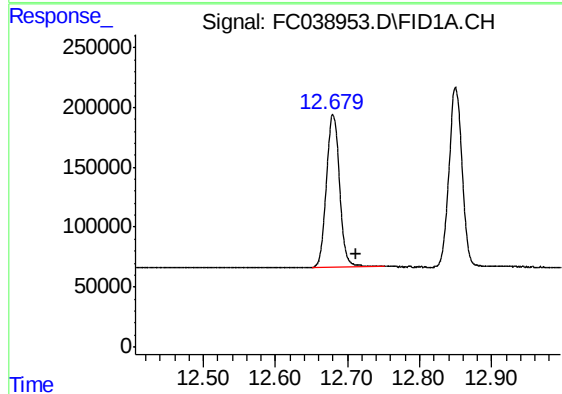
#10 n-Eicosane (C20)

R.T.: 12.242 min
Delta R.T.: -0.032 min
Response: 1895248
Conc: 20.73 ug/ml



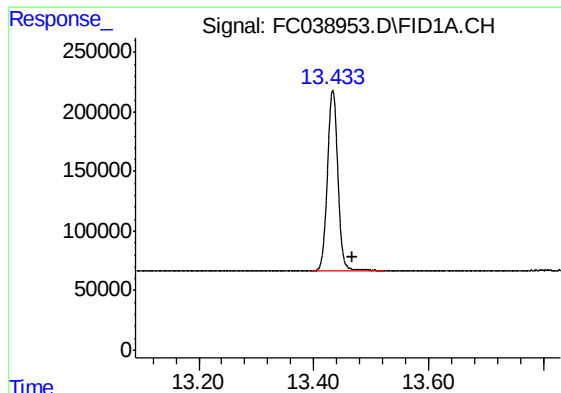
#11 n-Heneicosane (C21)

R.T.: 12.850 min
Delta R.T.: -0.032 min
Response: 1895987
Conc: 21.19 ug/ml



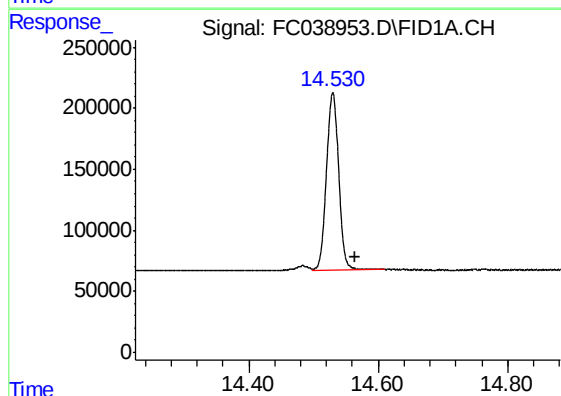
#12 1-chlorooctadecane (SURR)

R.T.: 12.680 min
Delta R.T.: -0.032 min
Response: 1618486
Conc: 20.50 ug/ml



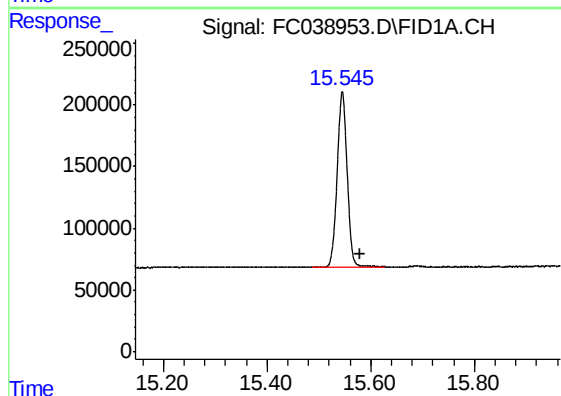
#13 n-Docosane (C22)

R.T.: 13.433 min
Delta R.T.: -0.033 min
Response: 1898394
Conc: 21.27 ug/ml



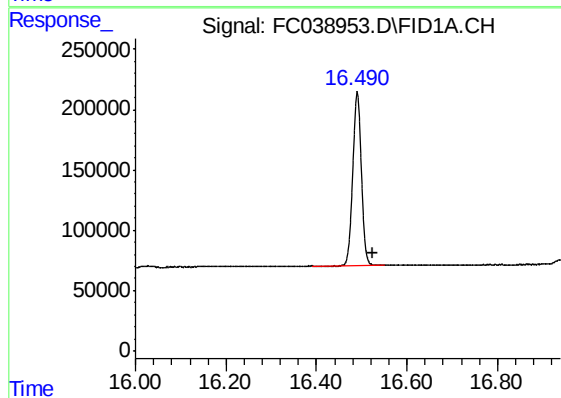
#14 n-Tetracosane (C24)

R.T.: 14.530 min
Delta R.T.: -0.034 min
Response: 1906884
Conc: 21.60 ug/ml



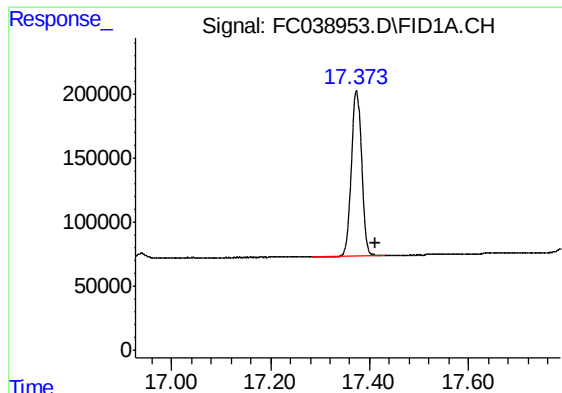
#15 n-Hexacosane (C26)

R.T.: 15.545 min
Delta R.T.: -0.035 min
Response: 1894694
Conc: 21.78 ug/ml



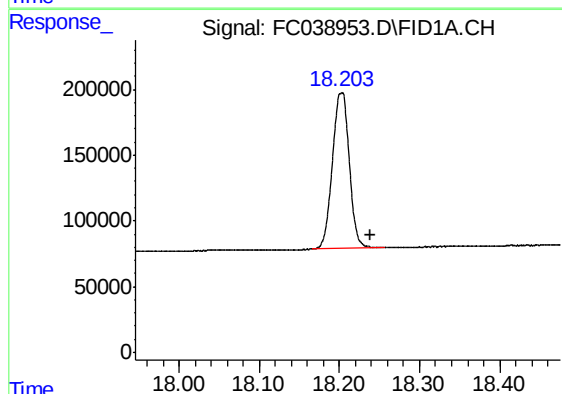
#16 n-Octacosane (C28)

R.T.: 16.490 min
Delta R.T.: -0.035 min
Response: 1895252
Conc: 21.82 ug/ml



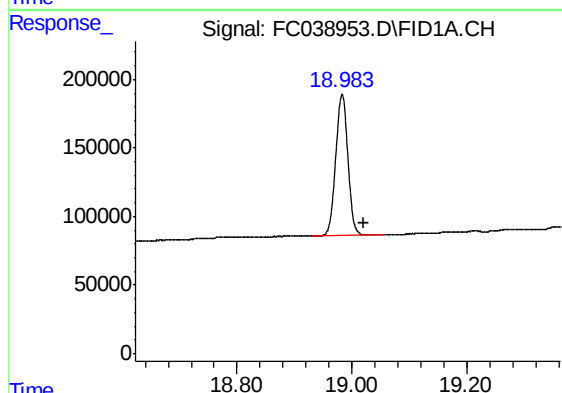
#17 n-Tricontane (C30)

R.T.: 17.374 min
Delta R.T.: -0.037 min
Response: 1866463
Conc: 21.61 ug/ml



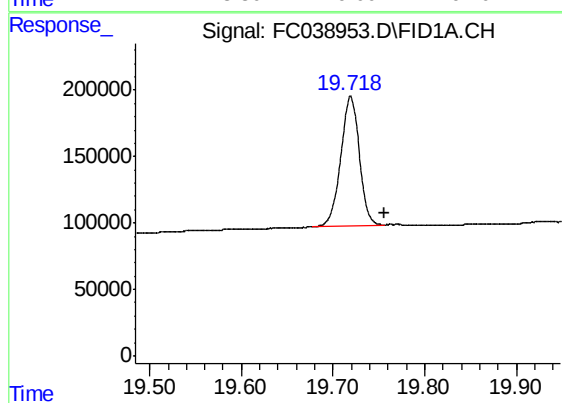
#18 n-Dotriacontane (C32)

R.T.: 18.203 min
Delta R.T.: -0.036 min
Response: 1733362
Conc: 21.30 ug/ml m



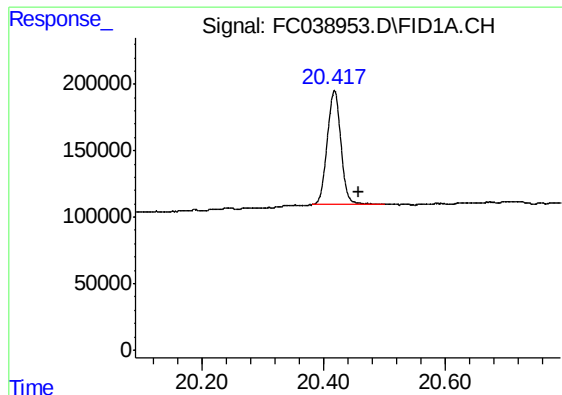
#19 n-Tetratriacontane (C34)

R.T.: 18.983 min
Delta R.T.: -0.038 min
Response: 1523381
Conc: 22.48 ug/ml



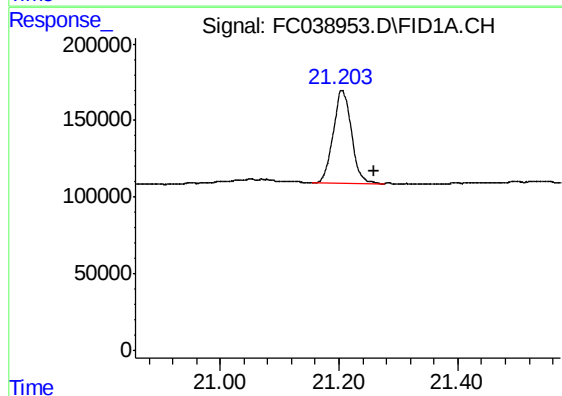
#20 n-Hexatriacontane (C36)

R.T.: 19.718 min
Delta R.T.: -0.038 min
Response: 1372508
Conc: 22.96 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.417 min
Delta R.T.: -0.041 min
Response: 1346885
Conc: 21.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.203 min
Delta R.T.: -0.055 min
Response: 1301262
Conc: 22.37 ug/ml m