

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122120AL\
 Data File : FC051388.D
 Signal(s) : FID1A.CH
 Acq On : 21 Dec 2020 21:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 00:38:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.569	2345092	20.234 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	13.004	1831585	20.304 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T n-Nonane (C9)	3.330	2004238	20.315 ug/ml
2) T n-Decane (C10)	4.397	2012239	20.350 ug/ml
3) T A~Naphthalene (C11.7)	5.988	2129656	20.363 ug/ml
4) T n-Dodecane (C12)	6.414	2080783	20.354 ug/ml
5) T A~2-methylnaphthalene...	7.045	2137206	20.346 ug/ml
6) T n-Tetradecane (C14)	8.209	2070480	20.411 ug/ml
7) T n-Hexadecane (C16)	9.810	2055456	20.408 ug/ml
8) T n-Octadecane (C18)	11.250	2167343	20.321 ug/ml
10) T n-Eicosane (C20)	12.559	2187586	20.314 ug/ml
11) T n-Heneicosane (C21)	13.170	2174609	20.274 ug/ml
13) T n-Docosane (C22)	13.757	2158276	20.210 ug/ml
14) T n-Tetracosane (C24)	14.858	2136413	20.185 ug/ml
15) T n-Hexacosane (C26)	15.878	2089168	20.170 ug/ml
16) T n-Octacosane (C28)	16.827	2053850	20.172 ug/ml
17) T n-Tricontane (C30)	17.713	1981941	20.125 ug/ml
18) T n-Dotriacontane (C32)	18.542	1826873	20.165 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1706543	20.078 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1665956	19.647 ug/ml
21) T n-Octatriacontane (C38)	20.797	1526591	19.940 ug/ml
22) T n-Tetracontane (C40)	21.709	1605673	20.305 ug/ml

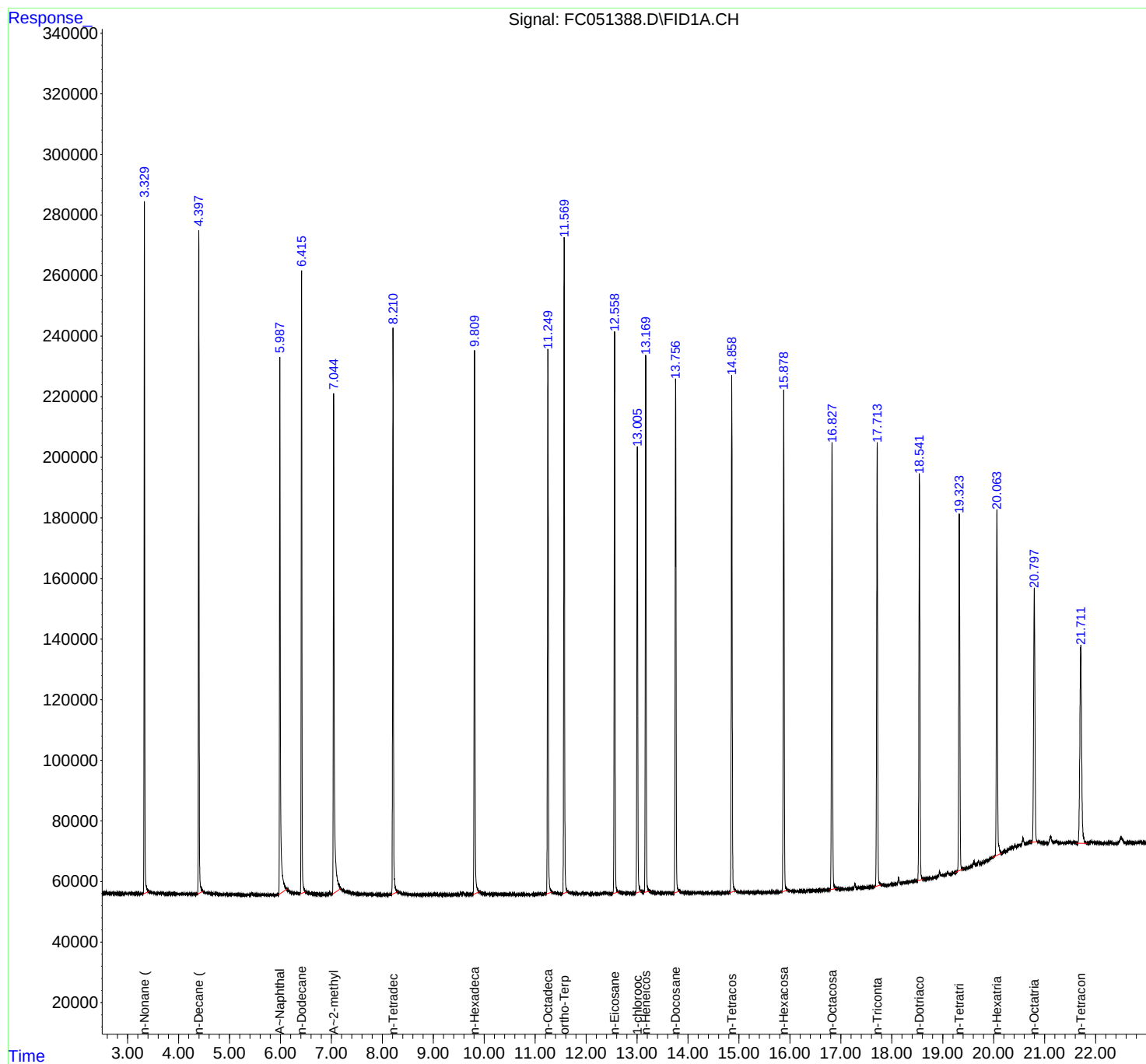
(f)=RT Delta > 1/2 Window

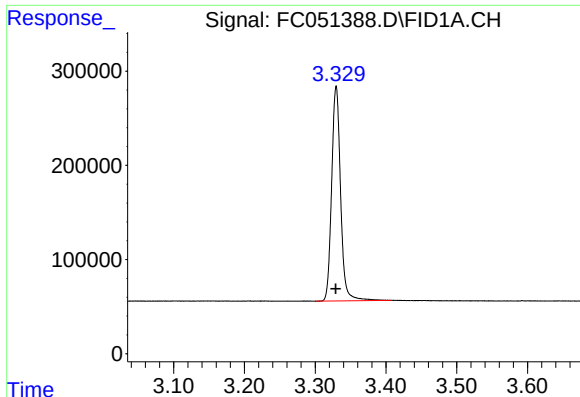
(m)=manual int.

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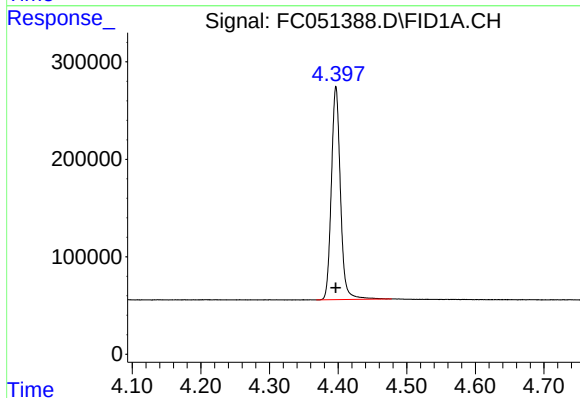
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





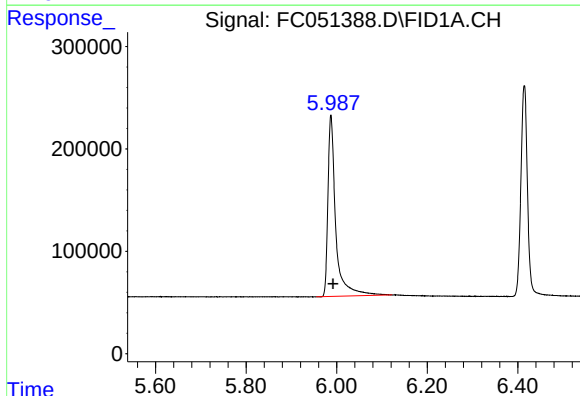
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 2004238
Conc: 20.31 ug/ml



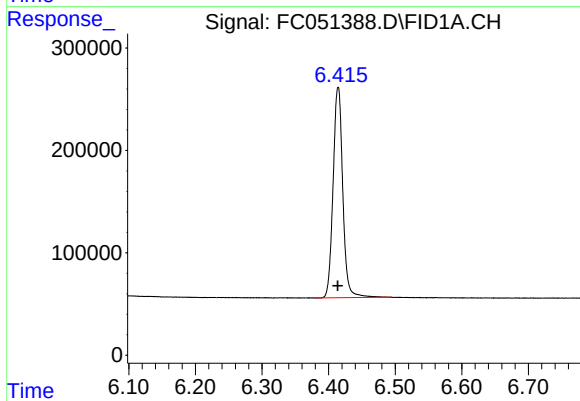
#2 n-Decane (C10)

R.T.: 4.397 min
Delta R.T.: 0.000 min
Response: 2012239
Conc: 20.35 ug/ml



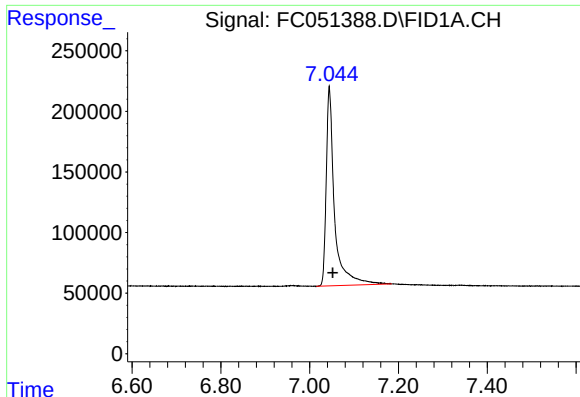
#3 A~Naphthalene (C11.7)

R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 2129656
Conc: 20.36 ug/ml



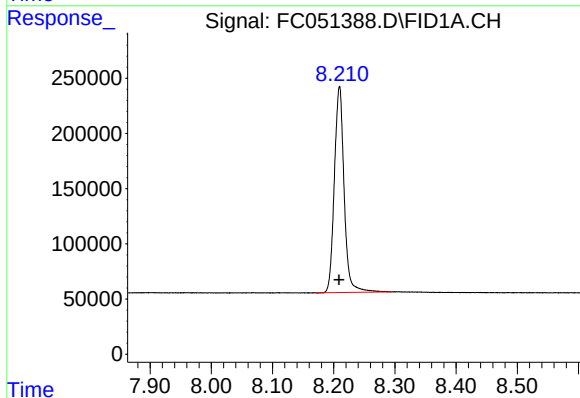
#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 2080783
Conc: 20.35 ug/ml



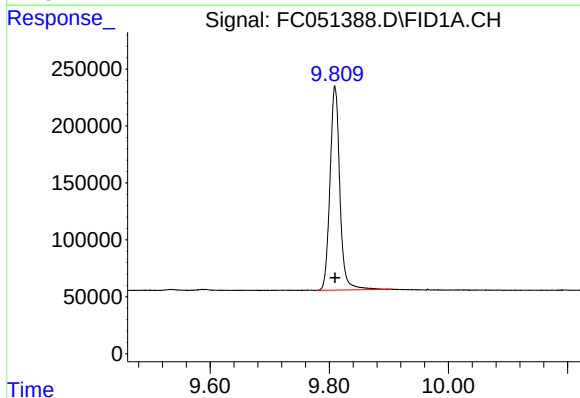
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: -0.007 min
Response: 2137206
Conc: 20.35 ug/ml



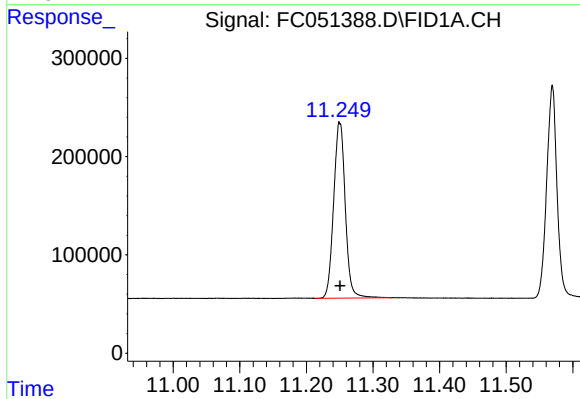
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 2070480
Conc: 20.41 ug/ml



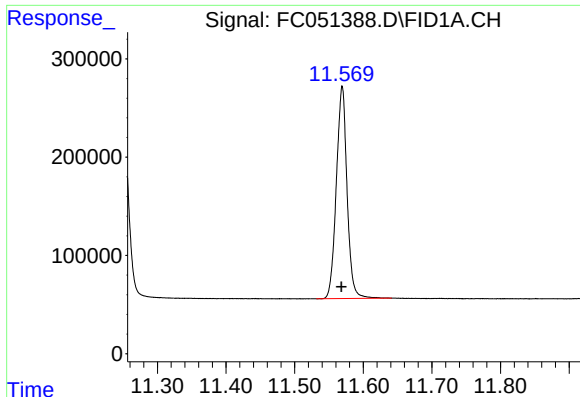
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: 0.000 min
Response: 2055456
Conc: 20.41 ug/ml



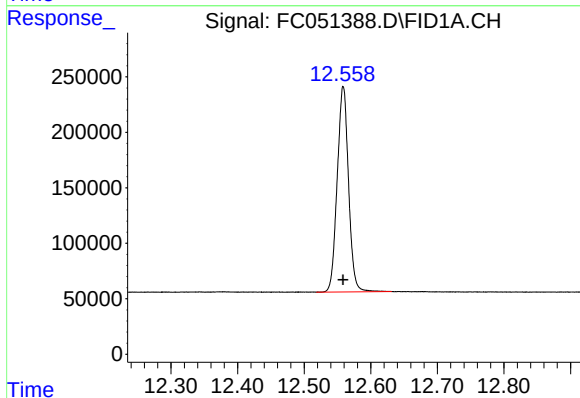
#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: 0.000 min
Response: 2167343
Conc: 20.32 ug/ml



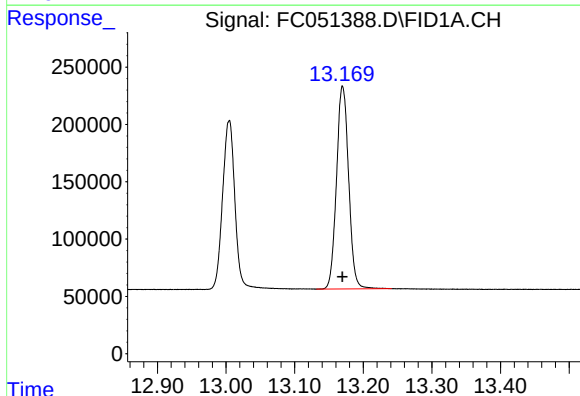
#9 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: 0.000 min
Response: 2345092
Conc: 20.23 ug/ml



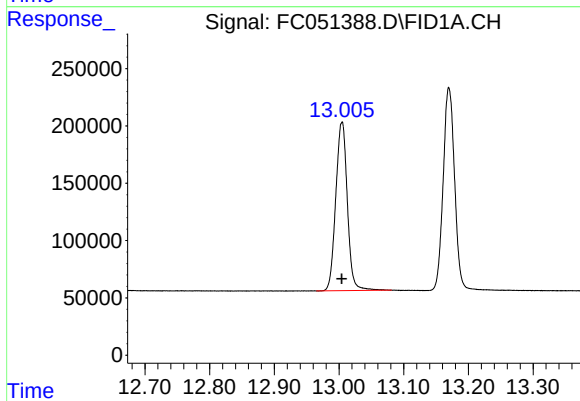
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: 0.000 min
Response: 2187586
Conc: 20.31 ug/ml



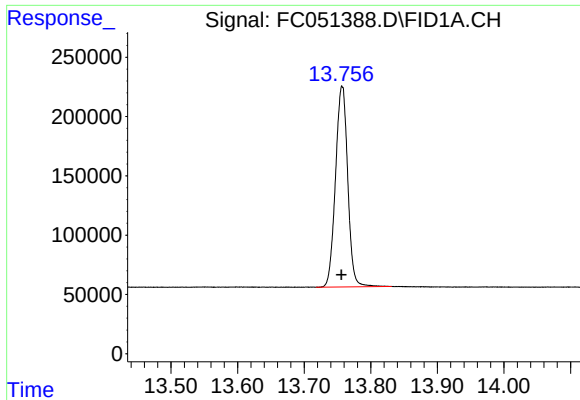
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 2174609
Conc: 20.27 ug/ml



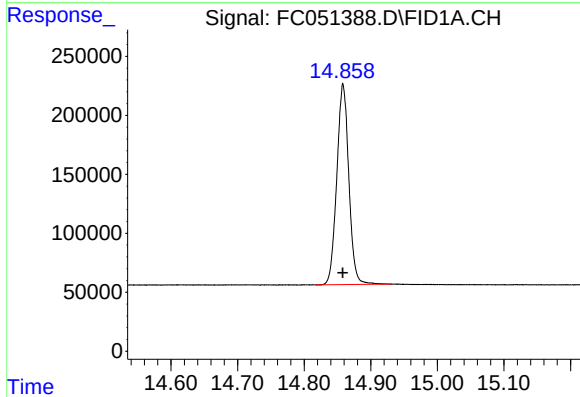
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: 0.000 min
Response: 1831585
Conc: 20.30 ug/ml



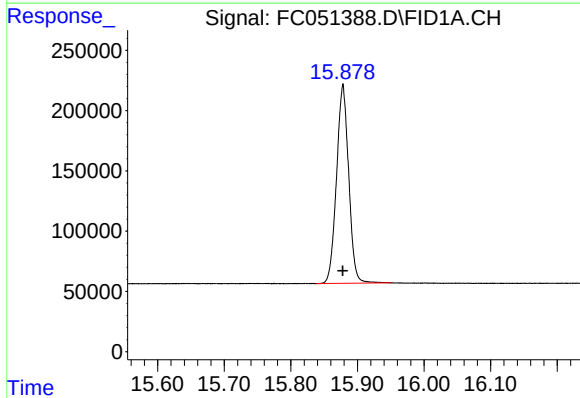
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: 0.000 min
Response: 2158276
Conc: 20.21 ug/ml



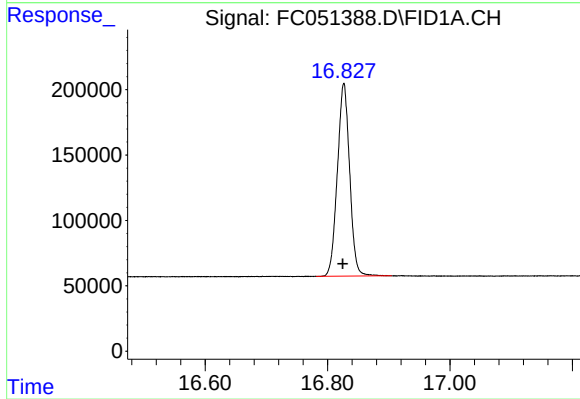
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: 0.000 min
Response: 2136413
Conc: 20.18 ug/ml



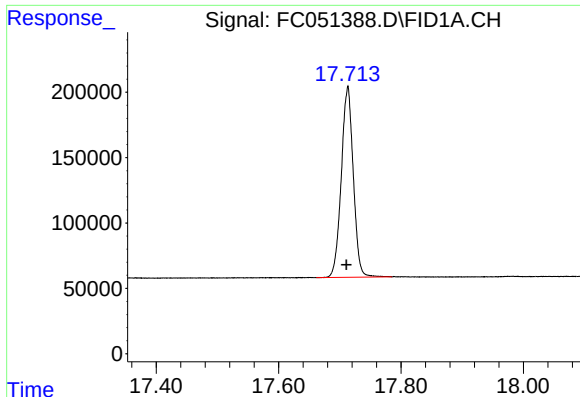
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: 0.000 min
Response: 2089168
Conc: 20.17 ug/ml



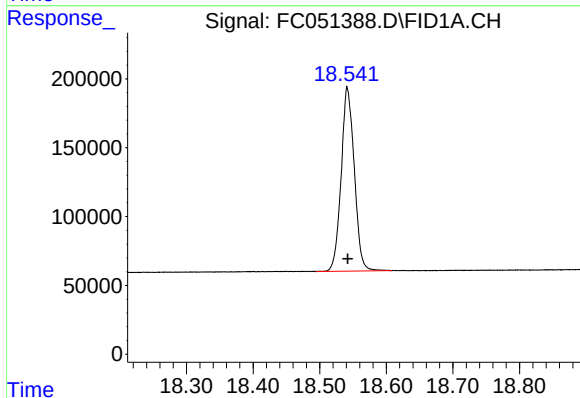
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.002 min
Response: 2053850
Conc: 20.17 ug/ml



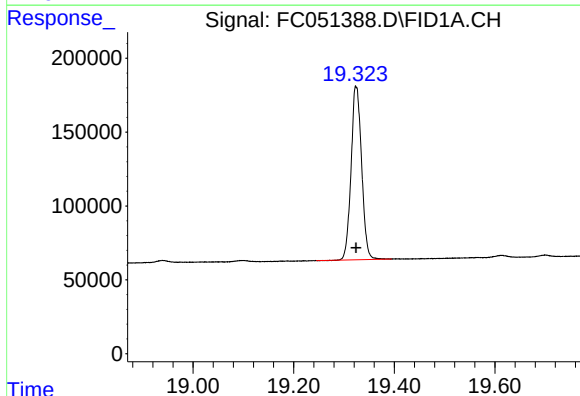
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: 0.002 min
Response: 1981941
Conc: 20.13 ug/ml



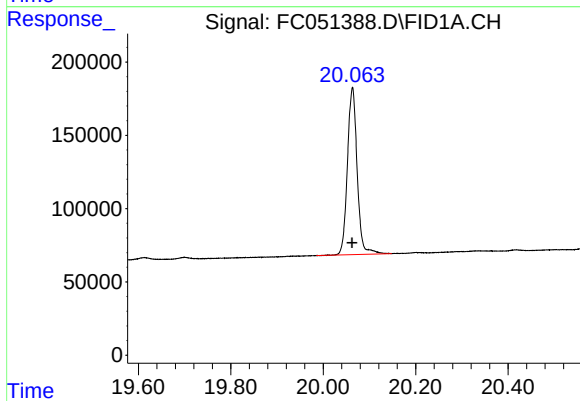
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: 0.000 min
Response: 1826873
Conc: 20.16 ug/ml



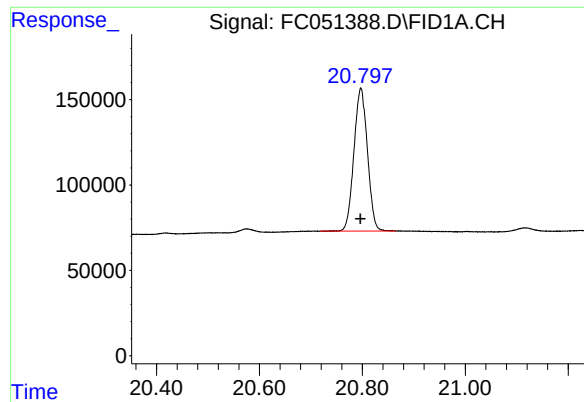
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: 0.000 min
Response: 1706543
Conc: 20.08 ug/ml



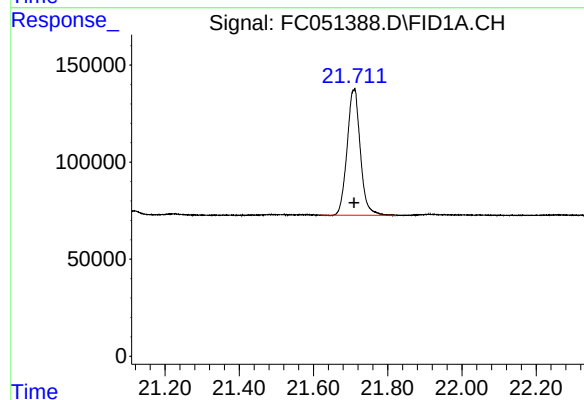
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: 0.000 min
Response: 1665956
Conc: 19.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: 0.001 min
Response: 1526591
Conc: 19.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.000 min
Response: 1605673
Conc: 20.30 ug/ml