

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062320AL\
 Data File : FC048033.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2020 6:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 24 06:54:49 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)	11.726	2355711	19.638 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
12) S 1-chlorooctadecane (S...	13.138	1903318	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.537	2136808	21.353 ug/ml
2) T n-Decane (C10)	4.599	2166610	21.563 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2156346	21.372 ug/ml
4) T n-Dodecane (C12)	6.599	2257338	21.563 ug/ml
5) T A~2-methylnaphthalene...	7.248	2187905	21.138 ug/ml
6) T n-Tetradecane (C14)	8.377	2268032	21.610 ug/ml
7) T n-Hexadecane (C16)	9.963	2230243	21.346 ug/ml
8) T n-Octadecane (C18)	11.392	2303473	20.722 ug/ml
10) T n-Eicosane (C20)	12.691	2266240	19.914 ug/ml
11) T n-Heneicosane (C21)	13.299	2237210	19.550 ug/ml
13) T n-Docosane (C22)	13.881	2189103	19.084 ug/ml
14) T n-Tetracosane (C24)	14.976	2099741	18.272 ug/ml
15) T n-Hexacosane (C26)	15.990	2003250	17.538 ug/ml
16) T n-Octacosane (C28)	16.935	1953500	17.188 ug/ml
17) T n-Tricontane (C30)	17.817	1914096	17.465 ug/ml
18) T n-Dotriacontane (C32)	18.644	1779272	17.948 ug/ml
19) T n-Tetratriacontane (C34)	19.425	1697417	18.534 ug/ml
20) T n-Hexatriacontane (C36)	20.159	1637706	19.097 ug/ml
21) T n-Octatriacontane (C38)	20.909	1580587	19.848 ug/ml
22) T n-Tetracontane (C40)	21.849	1614809	20.424 ug/ml

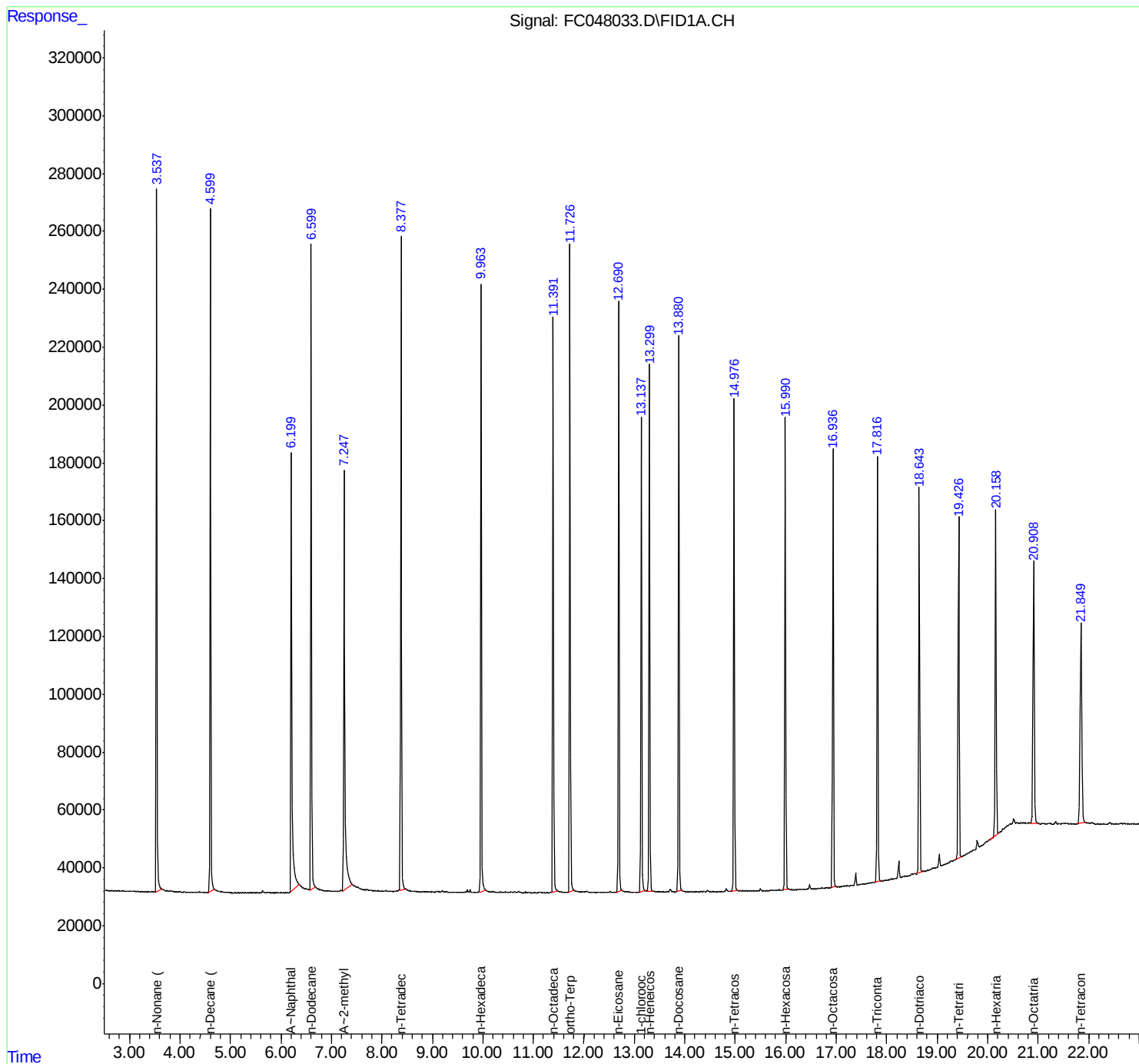
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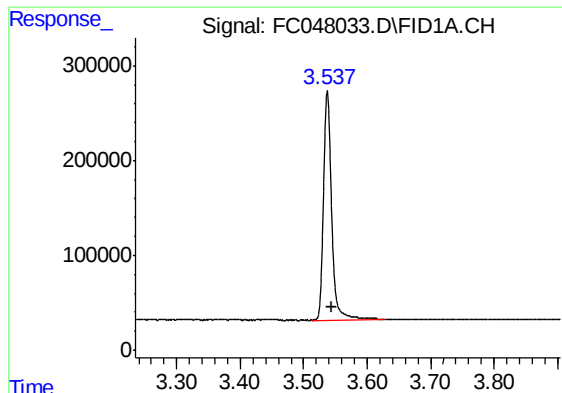
(m)=manual int.

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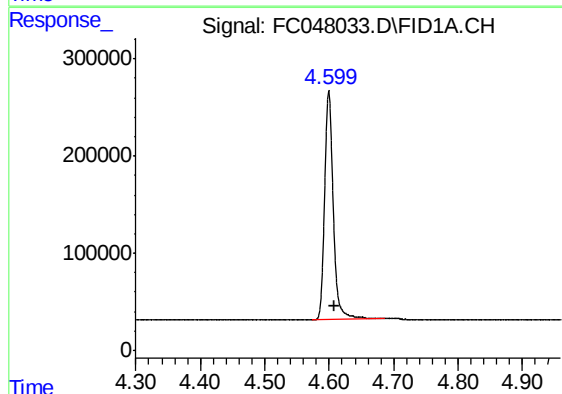
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Signal Info : 20M x 0.18mm x 0.18um





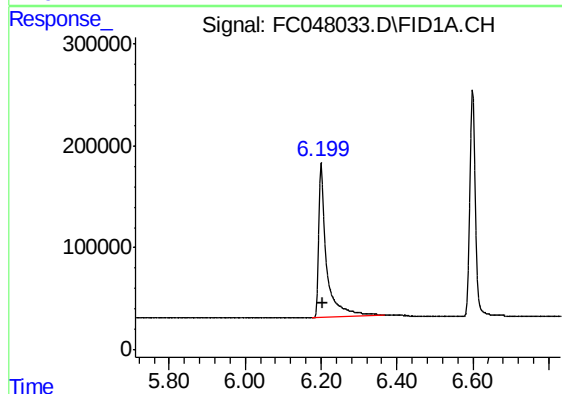
#1 n-Nonane (C9)

R.T.: 3.537 min
Delta R.T.: -0.007 min
Response: 2136808
Conc: 21.35 ug/ml



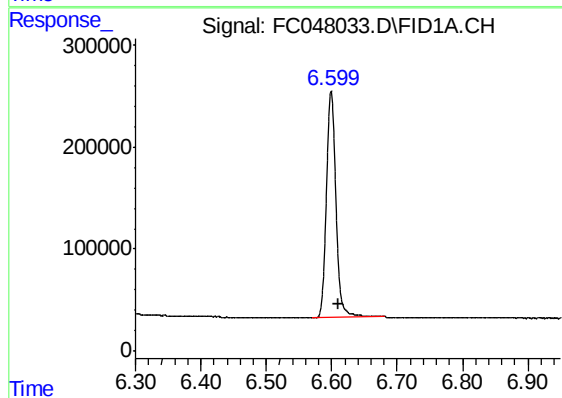
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.009 min
Response: 2166610
Conc: 21.56 ug/ml



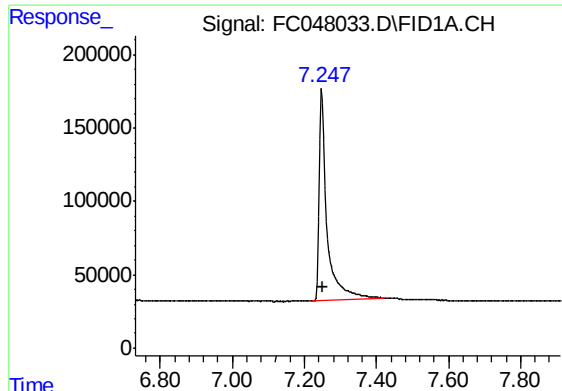
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 2156346
Conc: 21.37 ug/ml



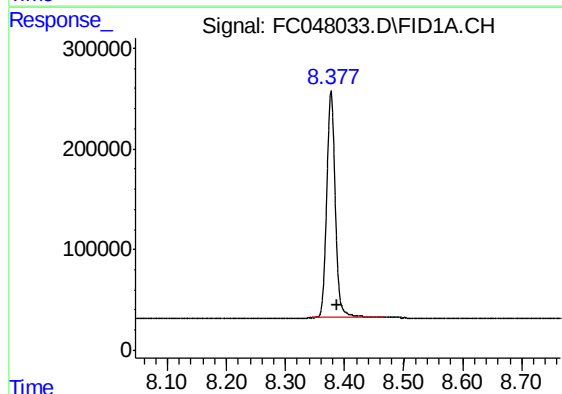
#4 n-Dodecane (C12)

R.T.: 6.599 min
Delta R.T.: -0.011 min
Response: 2257338
Conc: 21.56 ug/ml



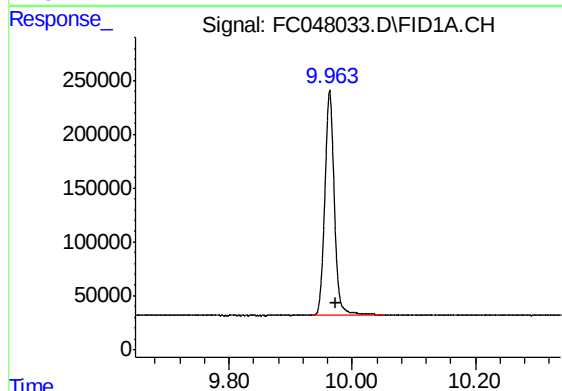
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: -0.005 min
Response: 2187905
Conc: 21.14 ug/ml



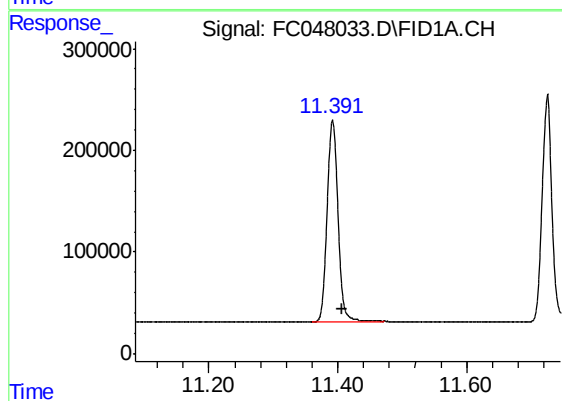
#6 n-Tetradecane (C14)

R.T.: 8.377 min
Delta R.T.: -0.010 min
Response: 2268032
Conc: 21.61 ug/ml



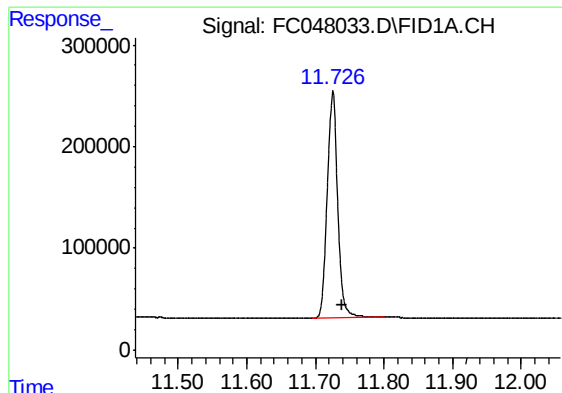
#7 n-Hexadecane (C16)

R.T.: 9.963 min
Delta R.T.: -0.011 min
Response: 2230243
Conc: 21.35 ug/ml



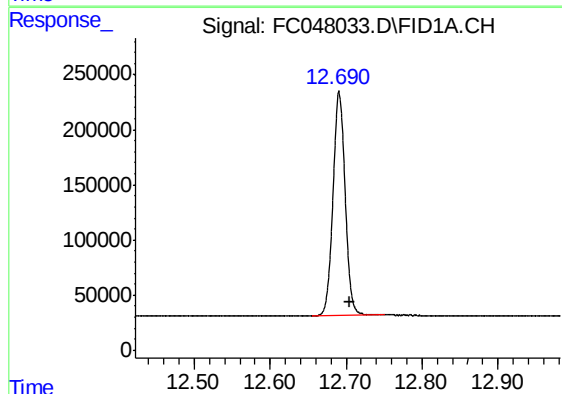
#8 n-Octadecane (C18)

R.T.: 11.392 min
Delta R.T.: -0.014 min
Response: 2303473
Conc: 20.72 ug/ml



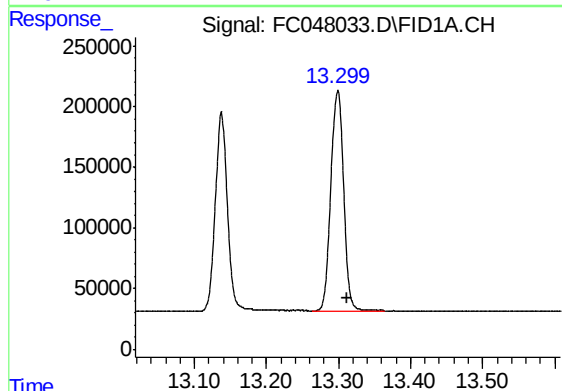
#9 ortho-Terphenyl (SURR)

R.T.: 11.726 min
Delta R.T.: -0.013 min
Response: 2355711
Conc: 19.64 ug/ml



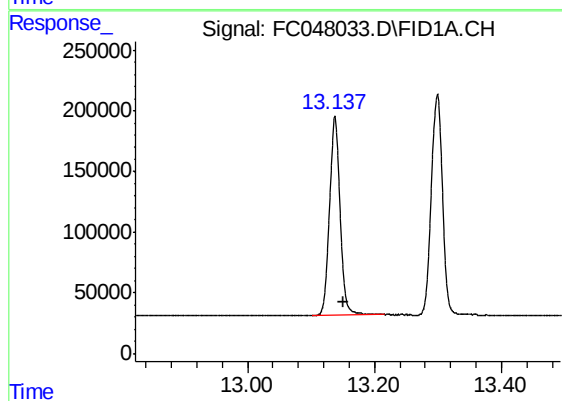
#10 n-Eicosane (C20)

R.T.: 12.691 min
Delta R.T.: -0.014 min
Response: 2266240
Conc: 19.91 ug/ml



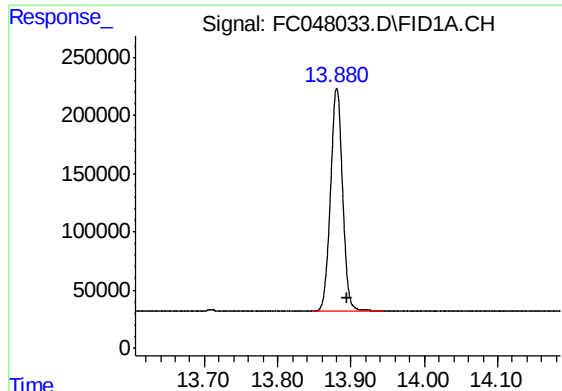
#11 n-Heneicosane (C21)

R.T.: 13.299 min
Delta R.T.: -0.013 min
Response: 2237210
Conc: 19.55 ug/ml



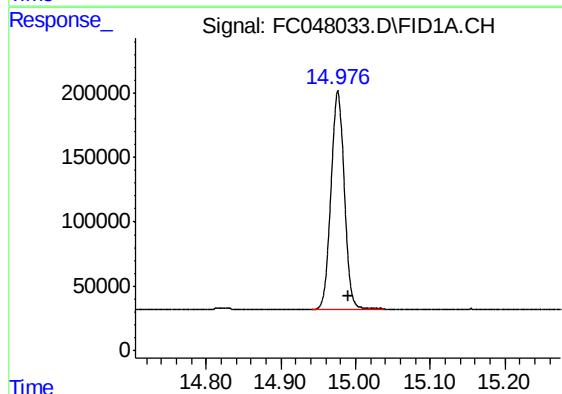
#12 1-chlorooctadecane (SURR)

R.T.: 13.138 min
Delta R.T.: -0.012 min
Response: 1903318
Conc: 19.43 ug/ml



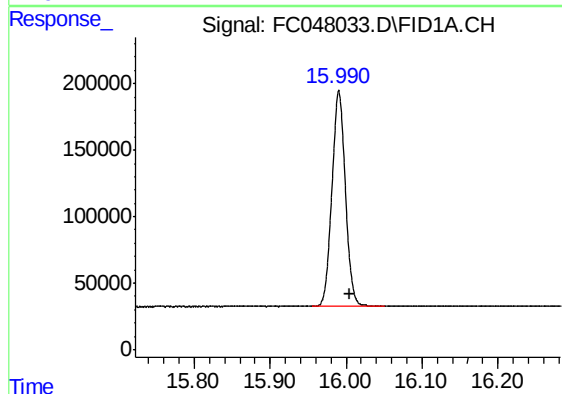
#13 n-Docosane (C22)

R.T.: 13.881 min
Delta R.T.: -0.015 min
Response: 2189103
Conc: 19.08 ug/ml



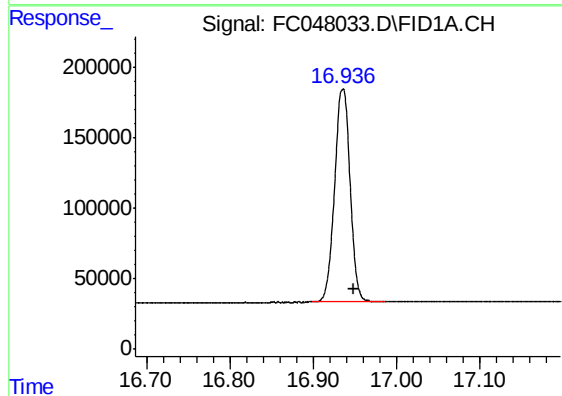
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: -0.014 min
Response: 2099741
Conc: 18.27 ug/ml



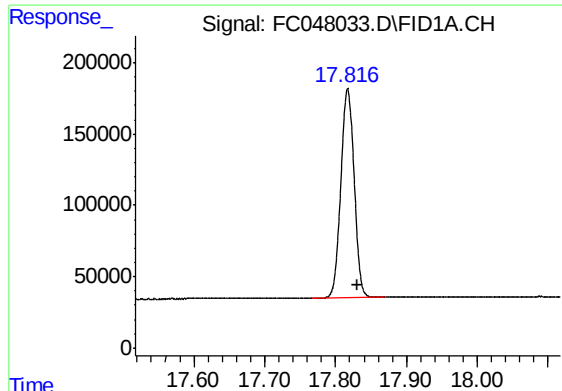
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: -0.014 min
Response: 2003250
Conc: 17.54 ug/ml



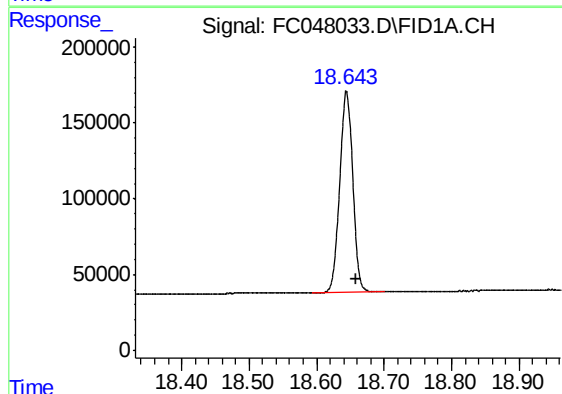
#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: -0.013 min
Response: 1953500
Conc: 17.19 ug/ml



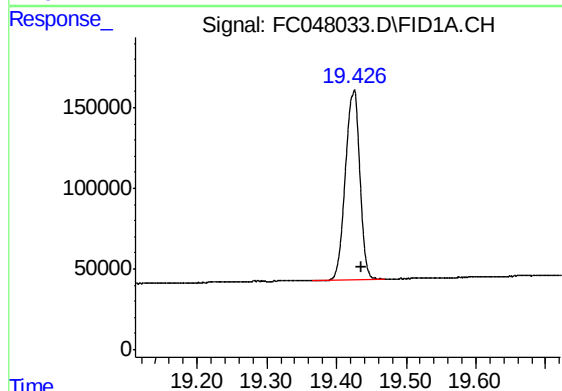
#17 n-Tricontane (C30)

R.T.: 17.817 min
Delta R.T.: -0.014 min
Response: 1914096
Conc: 17.46 ug/ml



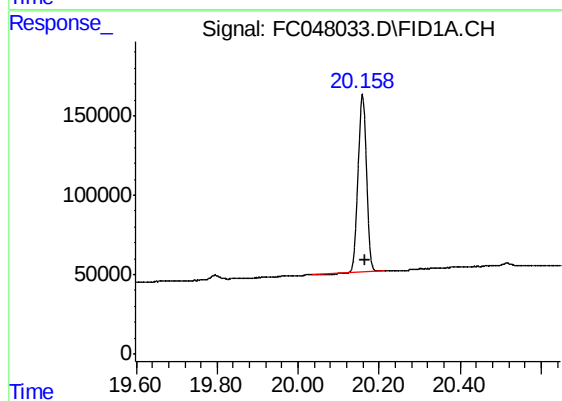
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.014 min
Response: 1779272
Conc: 17.95 ug/ml



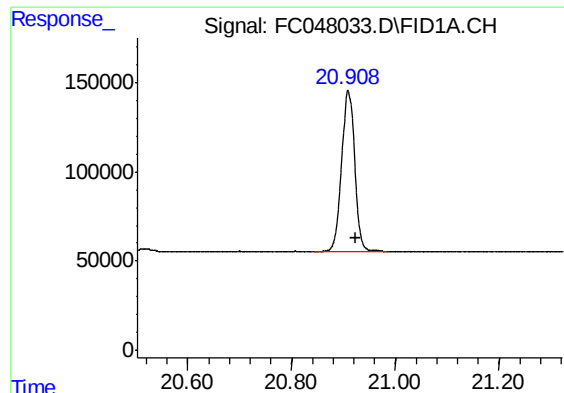
#19 n-Tetatriacontane (C34)

R.T.: 19.425 min
Delta R.T.: -0.010 min
Response: 1697417
Conc: 18.53 ug/ml



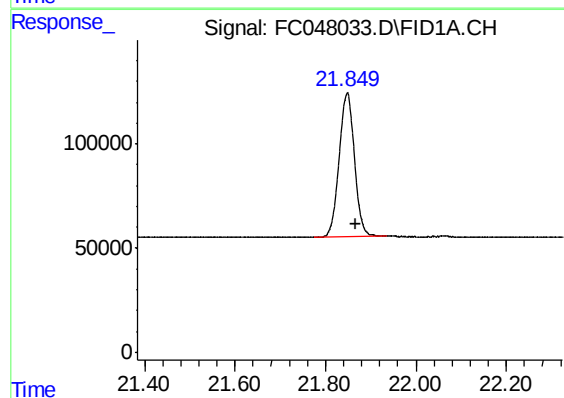
#20 n-Hexatriacontane (C36)

R.T.: 20.159 min
Delta R.T.: -0.008 min
Response: 1637706
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: -0.014 min
Response: 1580587
Conc: 19.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.849 min
Delta R.T.: -0.019 min
Response: 1614809
Conc: 20.42 ug/ml