

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071119AL\
 Data File : FC042336.D
 Signal(s) : FID1A.CH
 Acq On : 12 Jul 2019 4:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 05:04:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 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)	11.704	2867924	21.668 ug/ml
Spiked Amount 50.000		Recovery =	43.34%
12) S 1-chlorooctadecane (S...	13.128	2338915	21.335 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
Target Compounds			
1) T n-Nonane (C9)	3.498	2622232	22.522 ug/ml
2) T n-Decane (C10)	4.562	2708379	22.956 ug/ml
3) T A~Naphthalene (C11.7)	6.150	2982554	22.976 ug/ml
4) T n-Dodecane (C12)	6.567	2723424	22.952 ug/ml
5) T A~2-methylnaphthalene...	7.200	2991595	23.023 ug/ml
6) T n-Tetradecane (C14)	8.351	2724384	22.898 ug/ml
7) T n-Hexadecane (C16)	9.943	2721539	22.666 ug/ml
8) T n-Octadecane (C18)	11.378	2715735	22.253 ug/ml
10) T n-Eicosane (C20)	12.683	2710773	21.736 ug/ml
11) T n-Heneicosane (C21)	13.292	2683976	21.442 ug/ml
13) T n-Docosane (C22)	13.876	2650077	21.129 ug/ml
14) T n-Tetracosane (C24)	14.976	2578559	20.356 ug/ml
15) T n-Hexacosane (C26)	15.993	2500487	19.775 ug/ml
16) T n-Octacosane (C28)	16.941	2452336	19.434 ug/ml
17) T n-Tricontane (C30)	17.824	2398287	19.563 ug/ml
18) T n-Dotriacontane (C32)	18.655	2207417	19.757 ug/ml
19) T n-Tetratriacontane (C34)	19.436	1913045	20.657 ug/mlm
20) T n-Hexatriacontane (C36)	20.174	1766684	22.168 ug/ml
21) T n-Octatriacontane (C38)	20.925	1586688	22.131 ug/mlm
22) T n-Tetracontane (C40)	21.869	2316414	33.381 ug/mlm

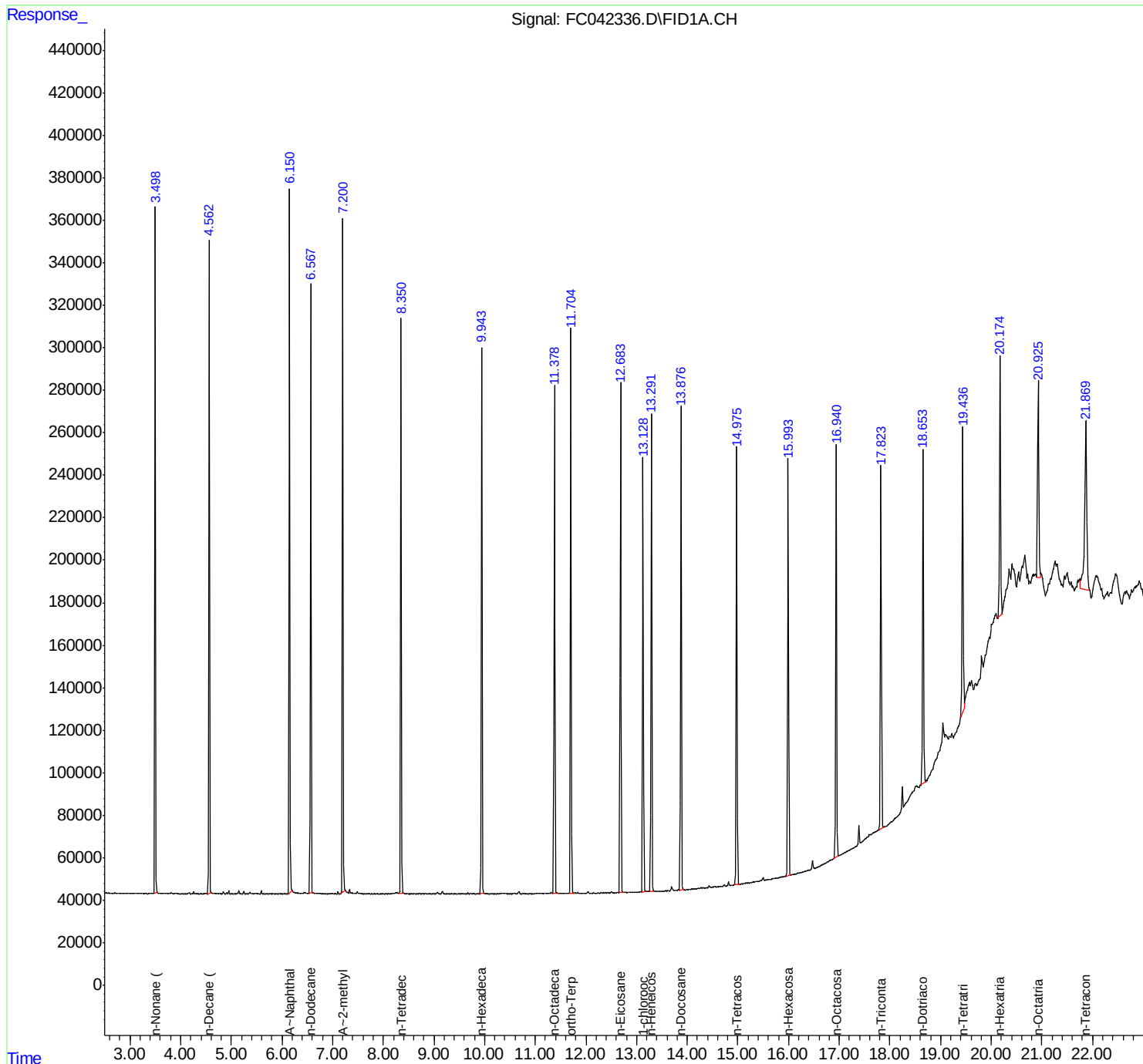
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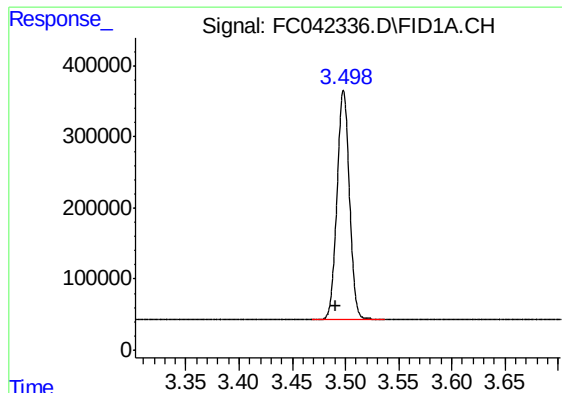
(m)=manual int.

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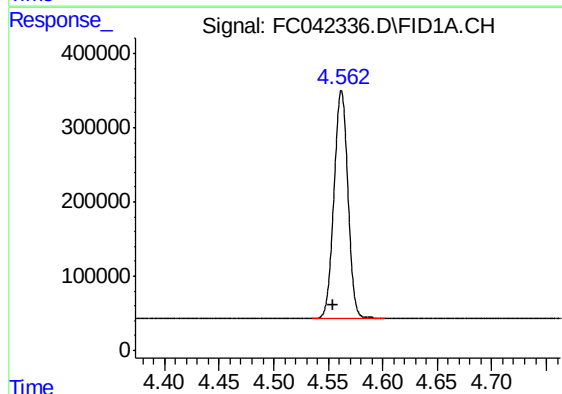
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Signal Info : 20M x 0.18mm x 0.18um





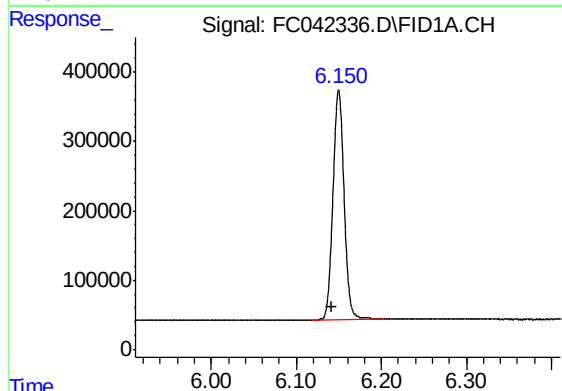
#1 n-Nonane (C9)

R.T.: 3.498 min
Delta R.T.: 0.007 min
Response: 2622232
Conc: 22.52 ug/ml



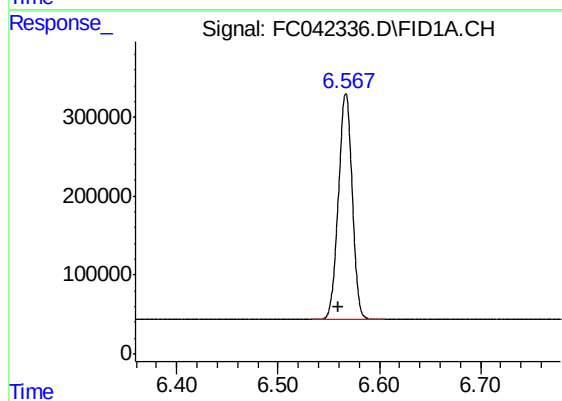
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.007 min
Response: 2708379
Conc: 22.96 ug/ml



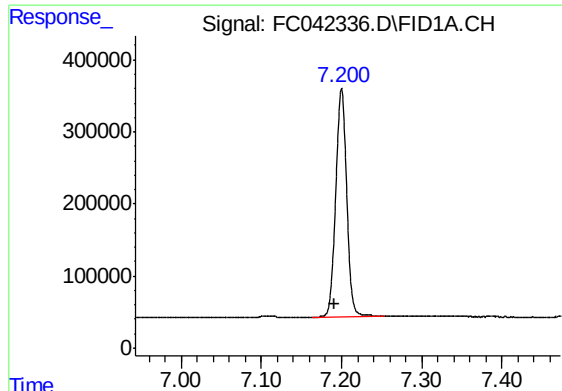
#3 A~Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: 0.008 min
Response: 2982554
Conc: 22.98 ug/ml



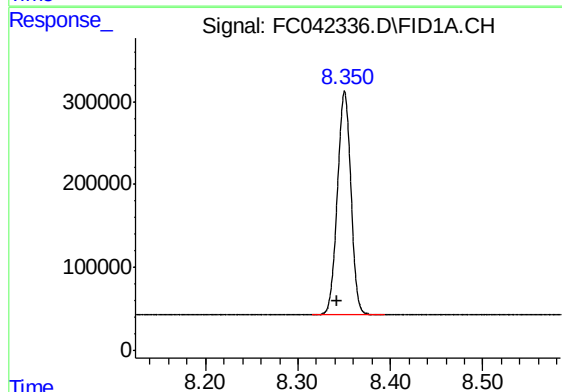
#4 n-Dodecane (C12)

R.T.: 6.567 min
Delta R.T.: 0.008 min
Response: 2723424
Conc: 22.95 ug/ml



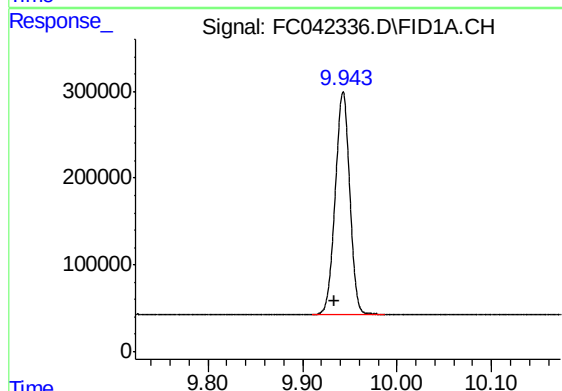
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.200 min
Delta R.T.: 0.009 min
Response: 2991595
Conc: 23.02 ug/ml



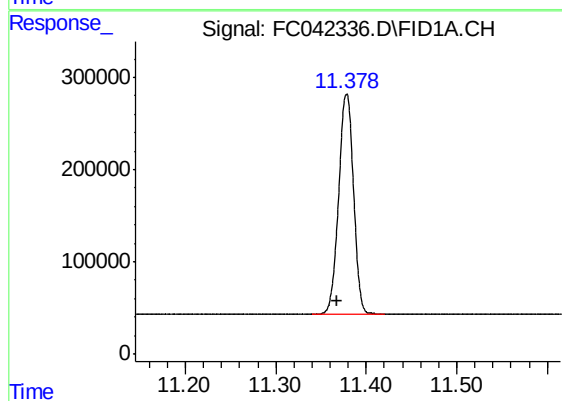
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.009 min
Response: 2724384
Conc: 22.90 ug/ml



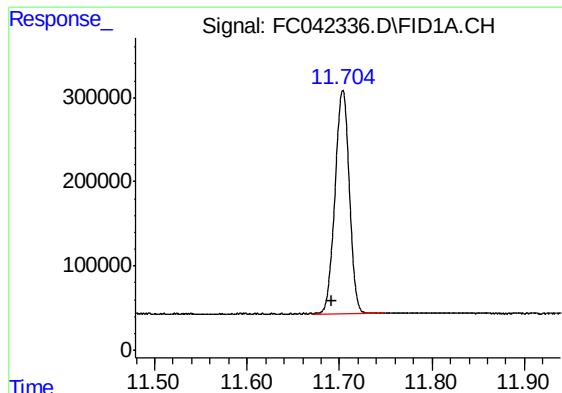
#7 n-Hexadecane (C16)

R.T.: 9.943 min
Delta R.T.: 0.010 min
Response: 2721539
Conc: 22.67 ug/ml



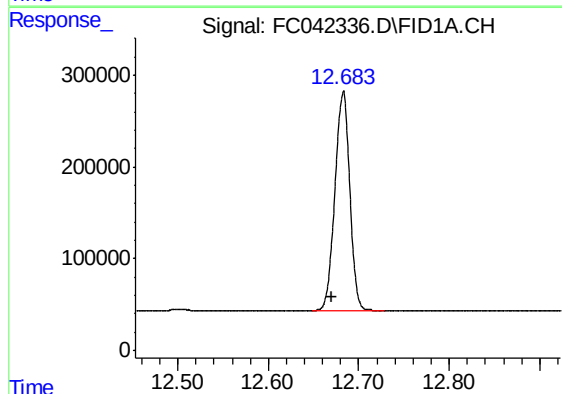
#8 n-Octadecane (C18)

R.T.: 11.378 min
Delta R.T.: 0.010 min
Response: 2715735
Conc: 22.25 ug/ml



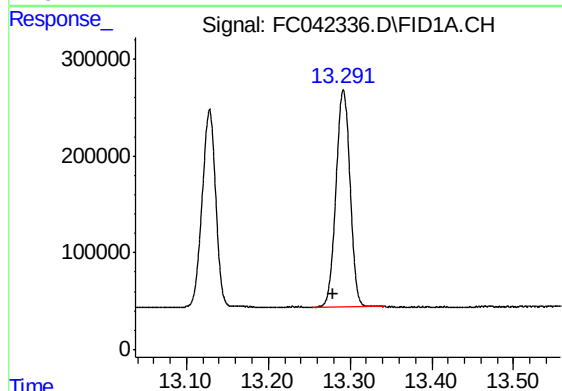
#9 ortho-Terphenyl (SURR)

R.T.: 11.704 min
Delta R.T.: 0.012 min
Response: 2867924
Conc: 21.67 ug/ml



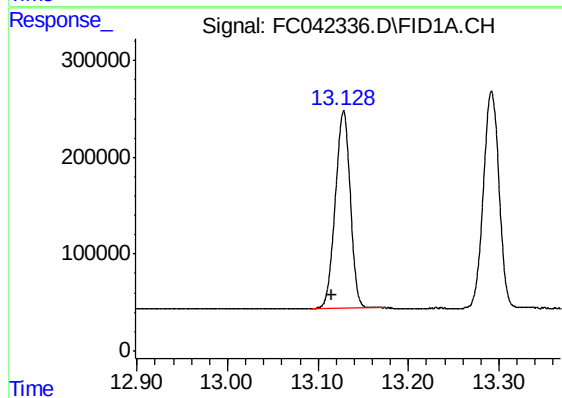
#10 n-Eicosane (C20)

R.T.: 12.683 min
Delta R.T.: 0.012 min
Response: 2710773
Conc: 21.74 ug/ml



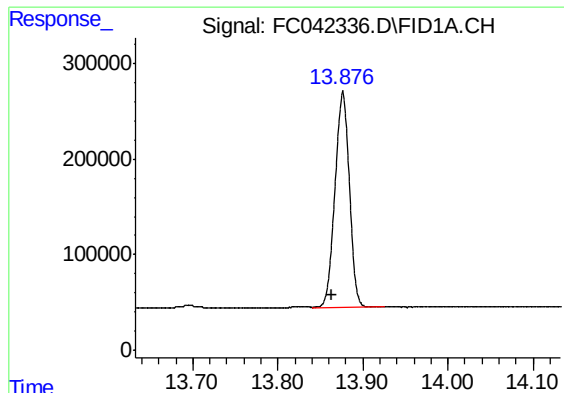
#11 n-Heneicosane (C21)

R.T.: 13.292 min
Delta R.T.: 0.012 min
Response: 2683976
Conc: 21.44 ug/ml



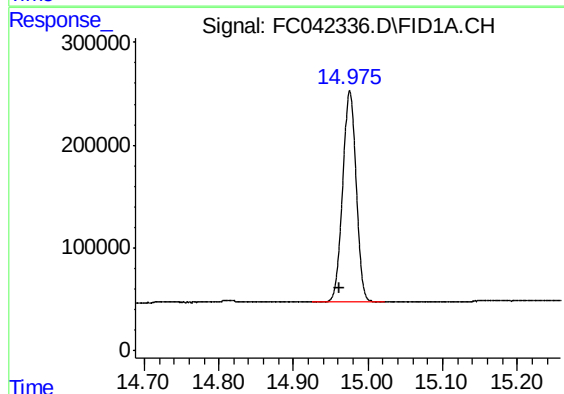
#12 1-chlorooctadecane (SURR)

R.T.: 13.128 min
Delta R.T.: 0.013 min
Response: 2338915
Conc: 21.34 ug/ml



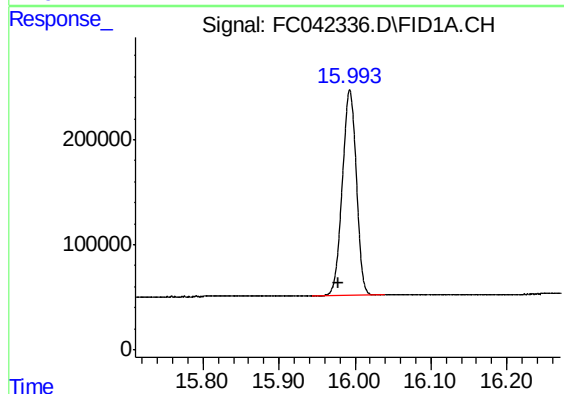
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: 0.012 min
Response: 2650077
Conc: 21.13 ug/ml



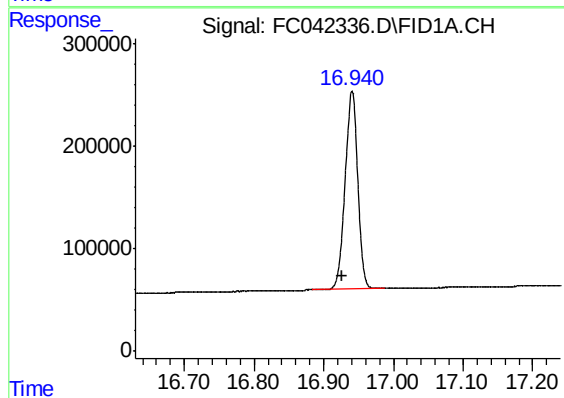
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: 0.014 min
Response: 2578559
Conc: 20.36 ug/ml



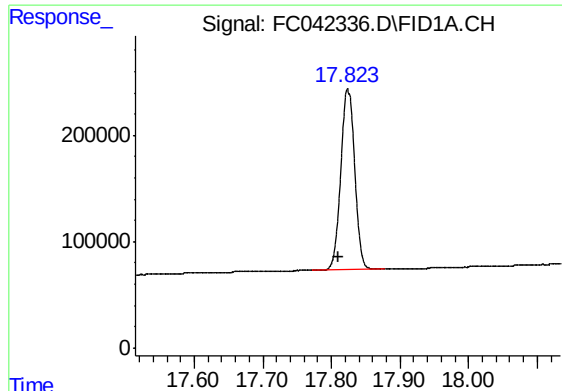
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: 0.015 min
Response: 2500487
Conc: 19.78 ug/ml



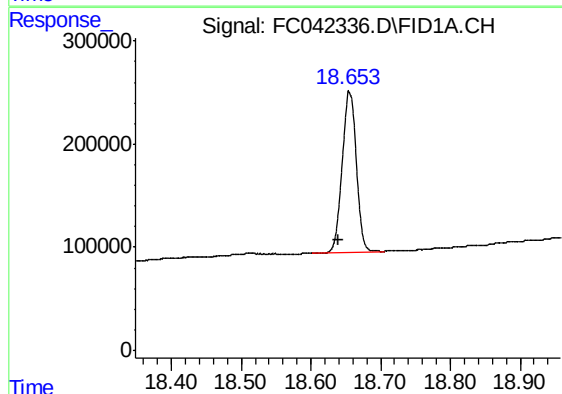
#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: 0.014 min
Response: 2452336
Conc: 19.43 ug/ml



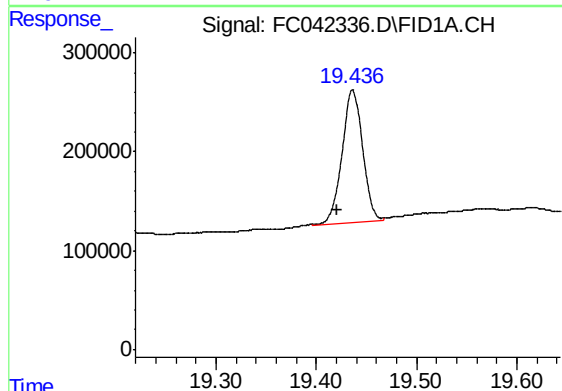
#17 n-Tricontane (C30)

R.T.: 17.824 min
Delta R.T.: 0.013 min
Response: 2398287
Conc: 19.56 ug/ml



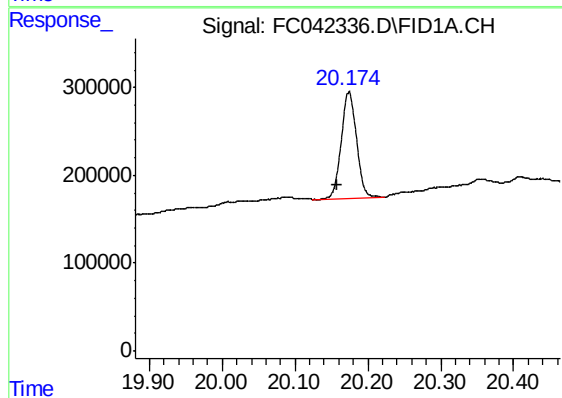
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: 0.016 min
Response: 2207417
Conc: 19.76 ug/ml



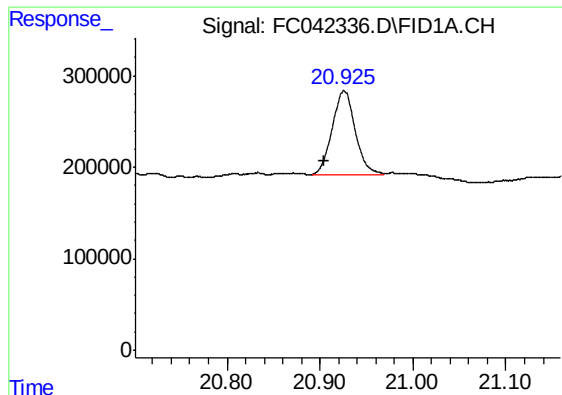
#19 n-Tetatriacontane (C34)

R.T.: 19.436 min
Delta R.T.: 0.016 min
Response: 1913045
Conc: 20.66 ug/ml m



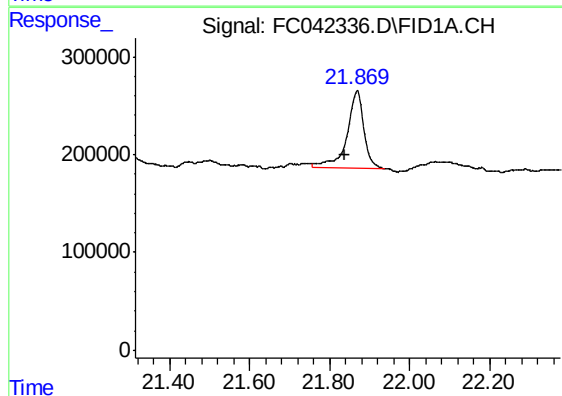
#20 n-Hexatriacontane (C36)

R.T.: 20.174 min
Delta R.T.: 0.016 min
Response: 1766684
Conc: 22.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: 0.021 min
Response: 1586688
Conc: 22.13 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: 0.032 min
Response: 2316414
Conc: 33.38 ug/ml m