

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072619AL\
 Data File : FC042584.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jul 2019 11:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 26 23:52:09 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)	11.686	2587527	19.550 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.108	2122245	19.359 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T n-Nonane (C9)	3.489	2318372	19.913 ug/ml
2) T n-Decane (C10)	4.552	2475064	20.978 ug/ml
3) T A~Naphthalene (C11.7)	6.138	2701025	20.807 ug/ml
4) T n-Dodecane (C12)	6.556	2511514	21.166 ug/ml
5) T A~2-methylnaphthalene...	7.188	2725388	20.974 ug/ml
6) T n-Tetradecane (C14)	8.338	2508726	21.086 ug/ml
7) T n-Hexadecane (C16)	9.929	2504772	20.861 ug/ml
8) T n-Octadecane (C18)	11.363	2499605	20.482 ug/ml
10) T n-Eicosane (C20)	12.664	2482354	19.904 ug/ml
11) T n-Heneicosane (C21)	13.273	2442895	19.516 ug/ml
13) T n-Docosane (C22)	13.856	2404766	19.173 ug/ml
14) T n-Tetracosane (C24)	14.953	2335079	18.434 ug/ml
15) T n-Hexacosane (C26)	15.969	2267427	17.932 ug/ml
16) T n-Octacosane (C28)	16.915	2228185	17.657 ug/ml
17) T n-Tricontane (C30)	17.798	2175717	17.748 ug/ml
18) T n-Dotriacontane (C32)	18.628	2021481	18.092 ug/ml
19) T n-Tetratriacontane (C34)	19.409	1714756	18.516 ug/ml
20) T n-Hexatriacontane (C36)	20.146	1520435	19.078 ug/ml
21) T n-Octatriacontane (C38)	20.888	1423679	19.858 ug/ml
22) T n-Tetracontane (C40)	21.814	1422577	20.500 ug/ml

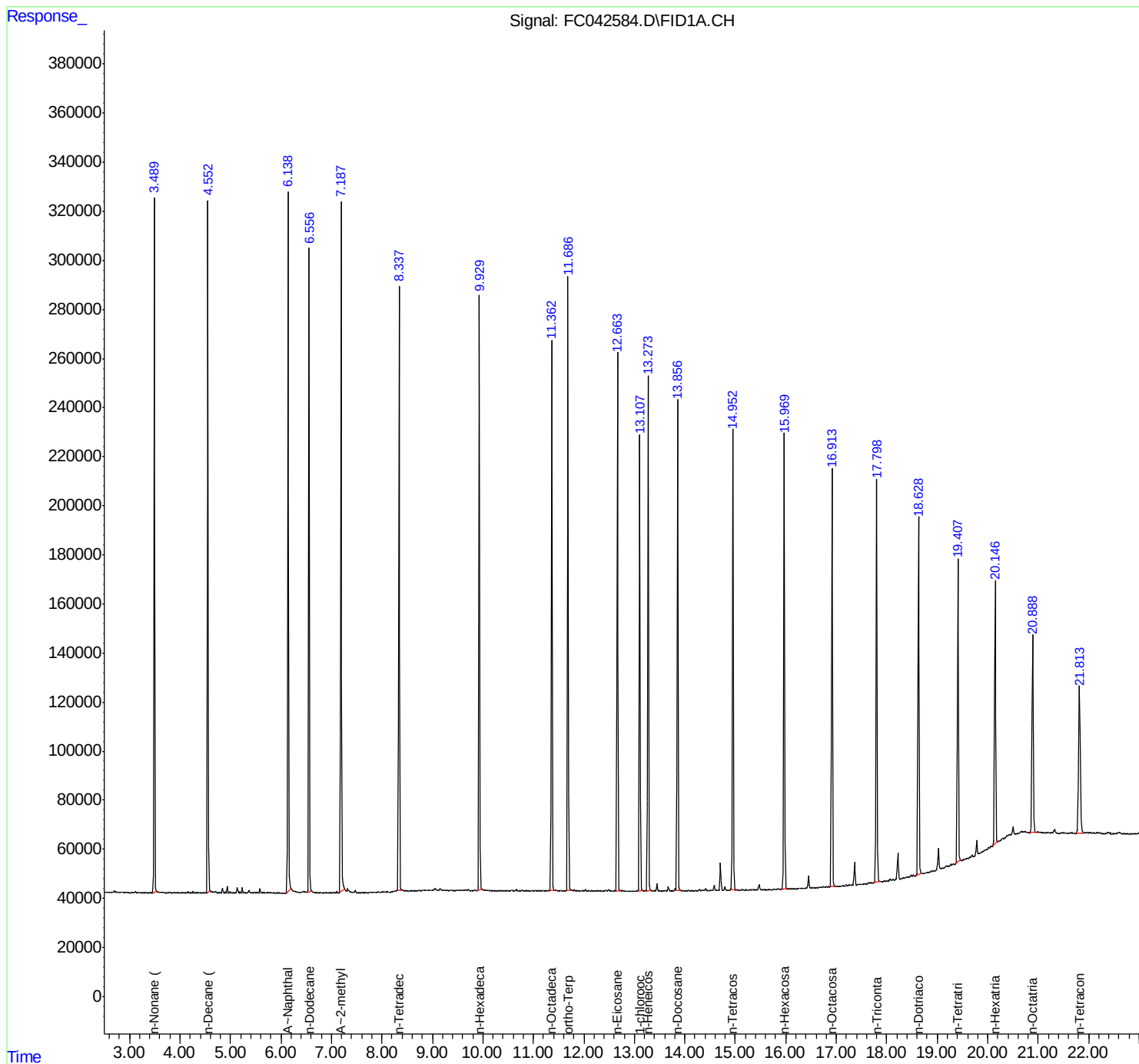
(f)=RT Delta > 1/2 Window

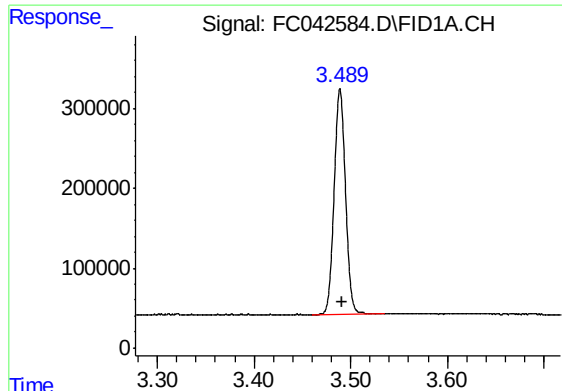
(m)=manual int.

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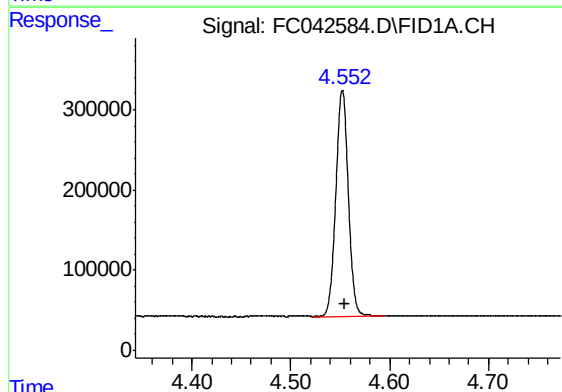
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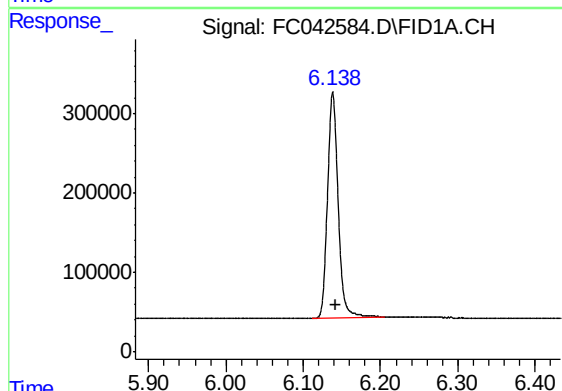
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.002 min
Response: 2318372
Conc: 19.91 ug/ml



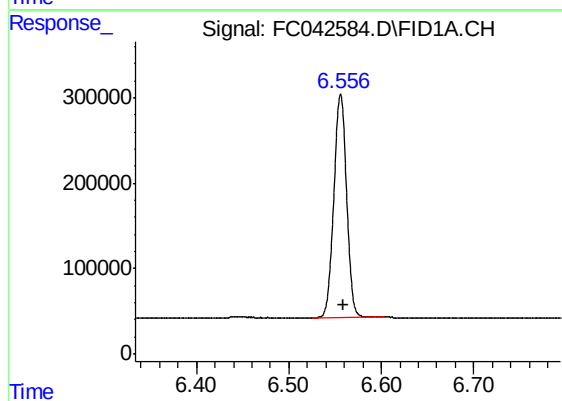
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: -0.003 min
Response: 2475064
Conc: 20.98 ug/ml



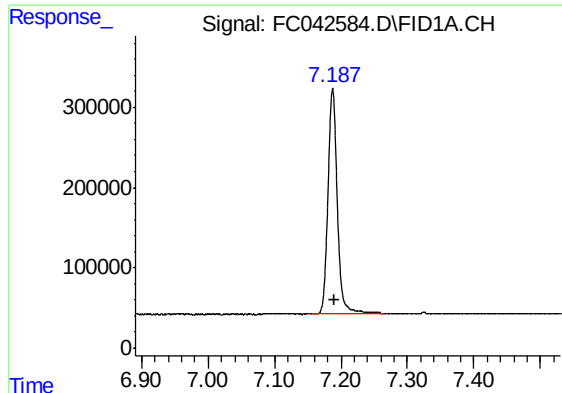
#3 A~Naphthalene (C11.7)

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 2701025
Conc: 20.81 ug/ml



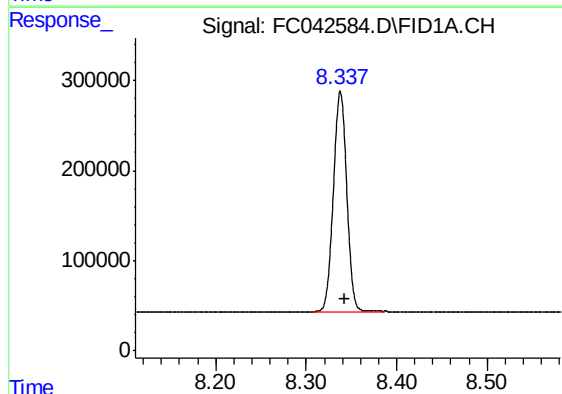
#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: -0.003 min
Response: 2511514
Conc: 21.17 ug/ml



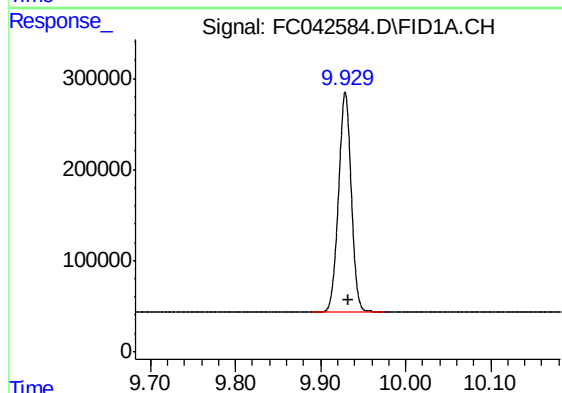
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.188 min
Delta R.T.: -0.003 min
Response: 2725388
Conc: 20.97 ug/ml



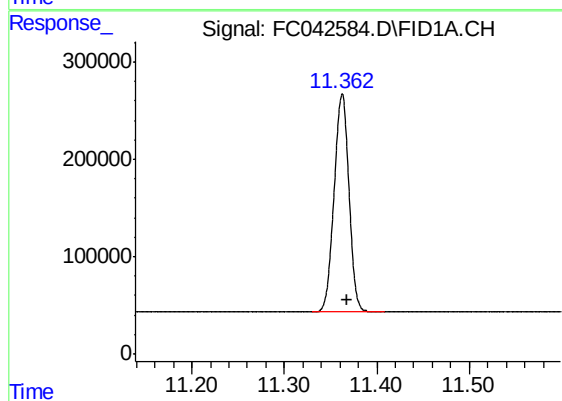
#6 n-Tetradecane (C14)

R.T.: 8.338 min
Delta R.T.: -0.004 min
Response: 2508726
Conc: 21.09 ug/ml



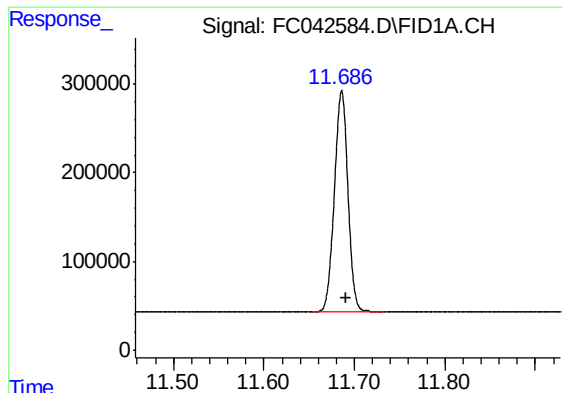
#7 n-Hexadecane (C16)

R.T.: 9.929 min
Delta R.T.: -0.004 min
Response: 2504772
Conc: 20.86 ug/ml



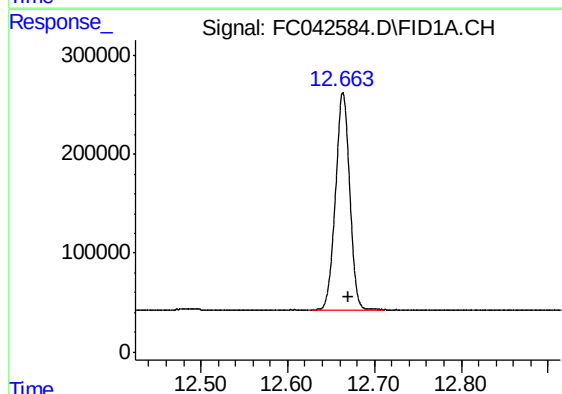
#8 n-Octadecane (C18)

R.T.: 11.363 min
Delta R.T.: -0.006 min
Response: 2499605
Conc: 20.48 ug/ml



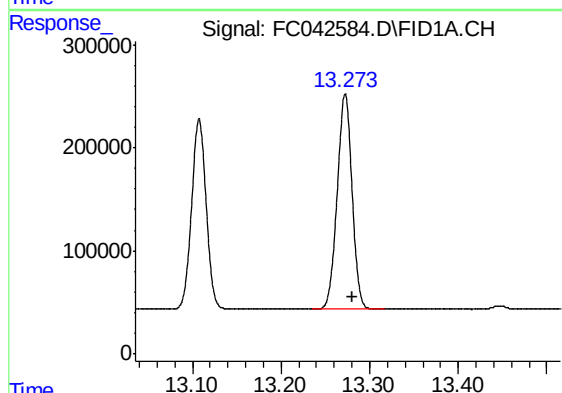
#9 ortho-Terphenyl (SURR)

R.T.: 11.686 min
Delta R.T.: -0.005 min
Response: 2587527
Conc: 19.55 ug/ml



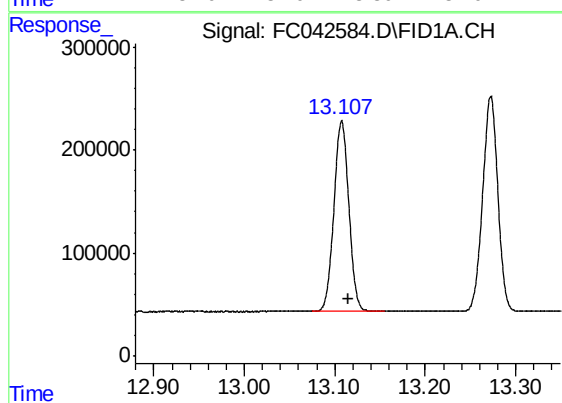
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: -0.007 min
Response: 2482354
Conc: 19.90 ug/ml



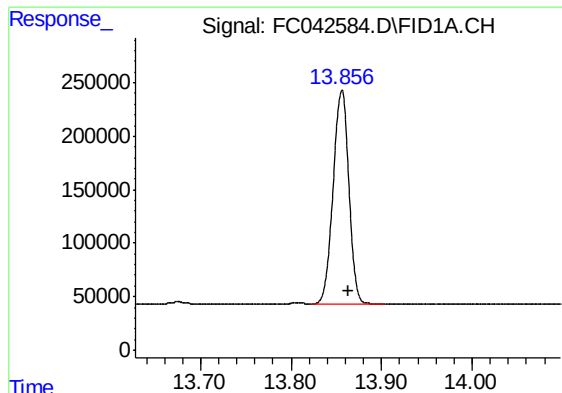
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: -0.007 min
Response: 2442895
Conc: 19.52 ug/ml



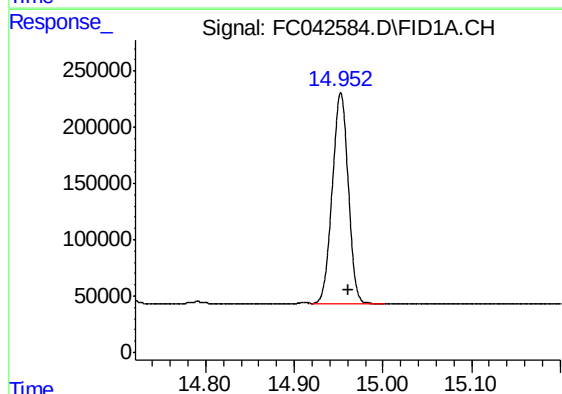
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: -0.008 min
Response: 2122245
Conc: 19.36 ug/ml



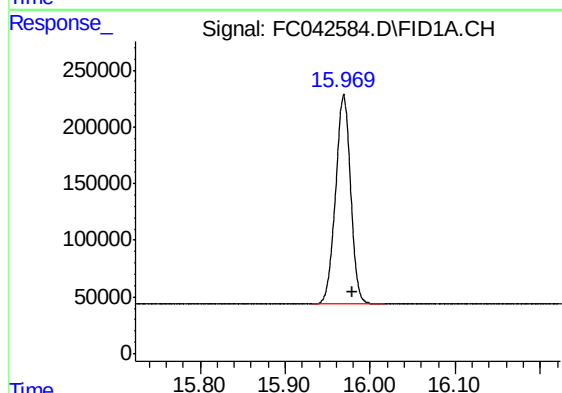
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: -0.008 min
Response: 2404766
Conc: 19.17 ug/ml



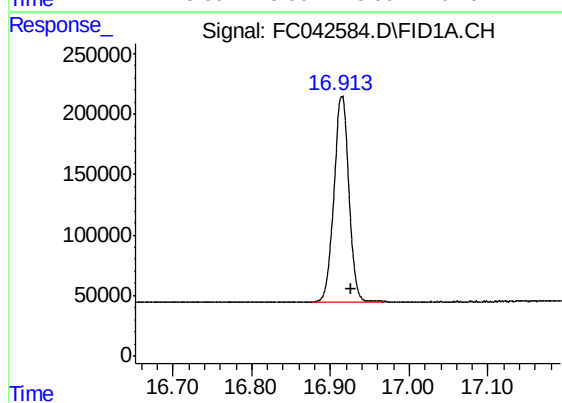
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: -0.009 min
Response: 2335079
Conc: 18.43 ug/ml



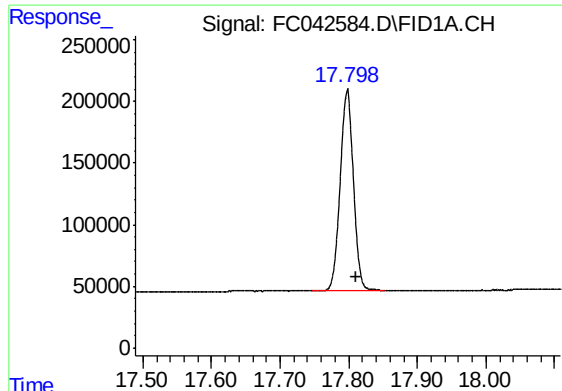
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: -0.010 min
Response: 2267427
Conc: 17.93 ug/ml



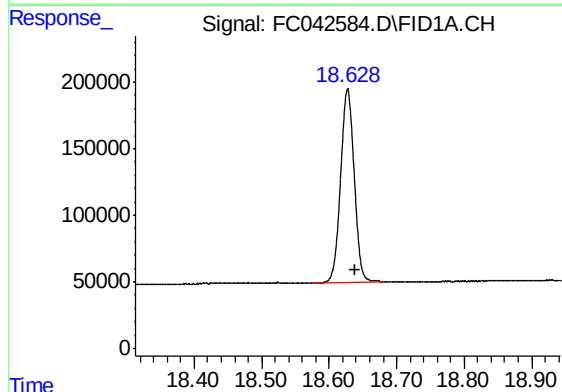
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: -0.012 min
Response: 2228185
Conc: 17.66 ug/ml



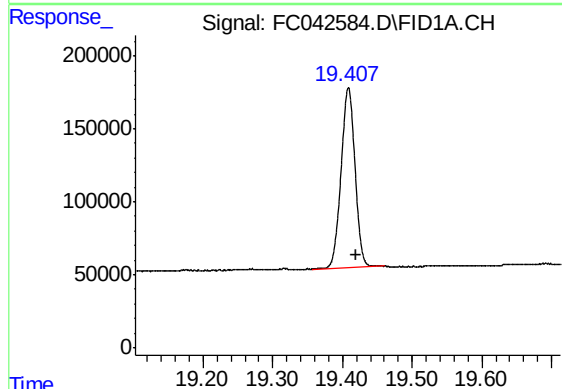
#17 n-Tricontane (C30)

R.T.: 17.798 min
Delta R.T.: -0.013 min
Response: 2175717
Conc: 17.75 ug/ml



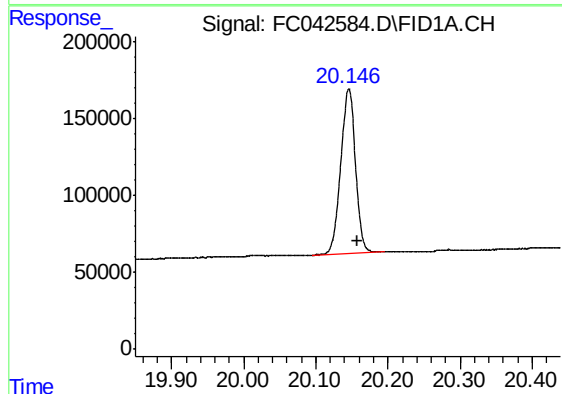
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: -0.012 min
Response: 2021481
Conc: 18.09 ug/ml



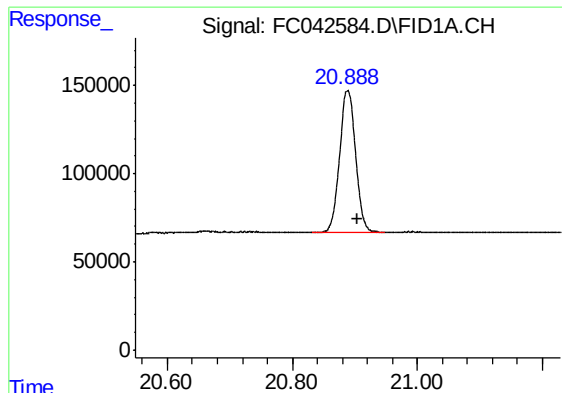
#19 n-Tetatriacontane (C34)

R.T.: 19.409 min
Delta R.T.: -0.011 min
Response: 1714756
Conc: 18.52 ug/ml



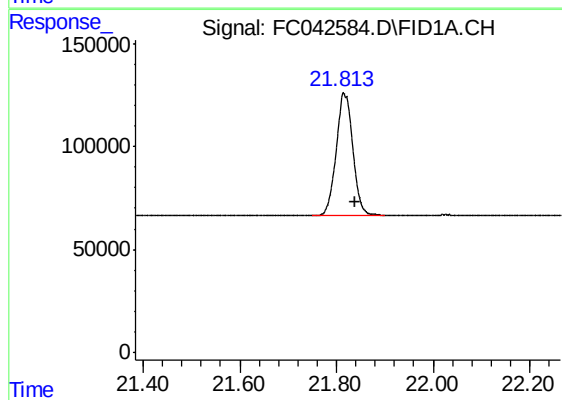
#20 n-Hexatriacontane (C36)

R.T.: 20.146 min
Delta R.T.: -0.012 min
Response: 1520435
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: -0.016 min
Response: 1423679
Conc: 19.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: -0.023 min
Response: 1422577
Conc: 20.50 ug/ml