

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091619AL\
 Data File : FC043508.D
 Signal(s) : FID1A.CH
 Acq On : 16 Sep 2019 22:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 17 03:44:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091619.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 16 12:41:51 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)	11.594	2878148	20.163 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
12) S 1-chlorooctadecane (S...	13.015	2231092	20.149 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.439	2390435	20.486 ug/ml
2) T n-Decane (C10)	4.493	2398801	20.592 ug/ml
3) T A-Naphthalene (C11.7)	6.072	2407686	20.583 ug/ml
4) T n-Dodecane (C12)	6.486	2507826	20.572 ug/ml
5) T A~2-methylnaphthalene...	7.117	2460627	20.813 ug/ml
6) T n-Tetradecane (C14)	8.260	2539135	20.570 ug/ml
7) T n-Hexadecane (C16)	9.845	2577063	20.550 ug/ml
8) T n-Octadecane (C18)	11.274	2630067	20.398 ug/ml
10) T n-Eicosane (C20)	12.572	2643302	20.187 ug/ml
11) T n-Heneicosane (C21)	13.179	2658457	20.068 ug/ml
13) T n-Docosane (C22)	13.762	2630709	20.045 ug/ml
14) T n-Tetracosane (C24)	14.856	2619643	19.946 ug/ml
15) T n-Hexacosane (C26)	15.871	2566835	19.915 ug/ml
16) T n-Octacosane (C28)	16.814	2487238	19.763 ug/ml
17) T n-Tricontane (C30)	17.697	2404958	19.588 ug/ml
18) T n-Dotriacontane (C32)	18.525	2227698	19.331 ug/ml
19) T n-Tetratriacontane (C34)	19.304	2093966	19.481 ug/ml
20) T n-Hexatriacontane (C36)	20.038	1940390	19.694 ug/ml
21) T n-Octatriacontane (C38)	20.762	1821343	19.796 ug/ml
22) T n-Tetracontane (C40)	21.654	1853415	19.764 ug/ml

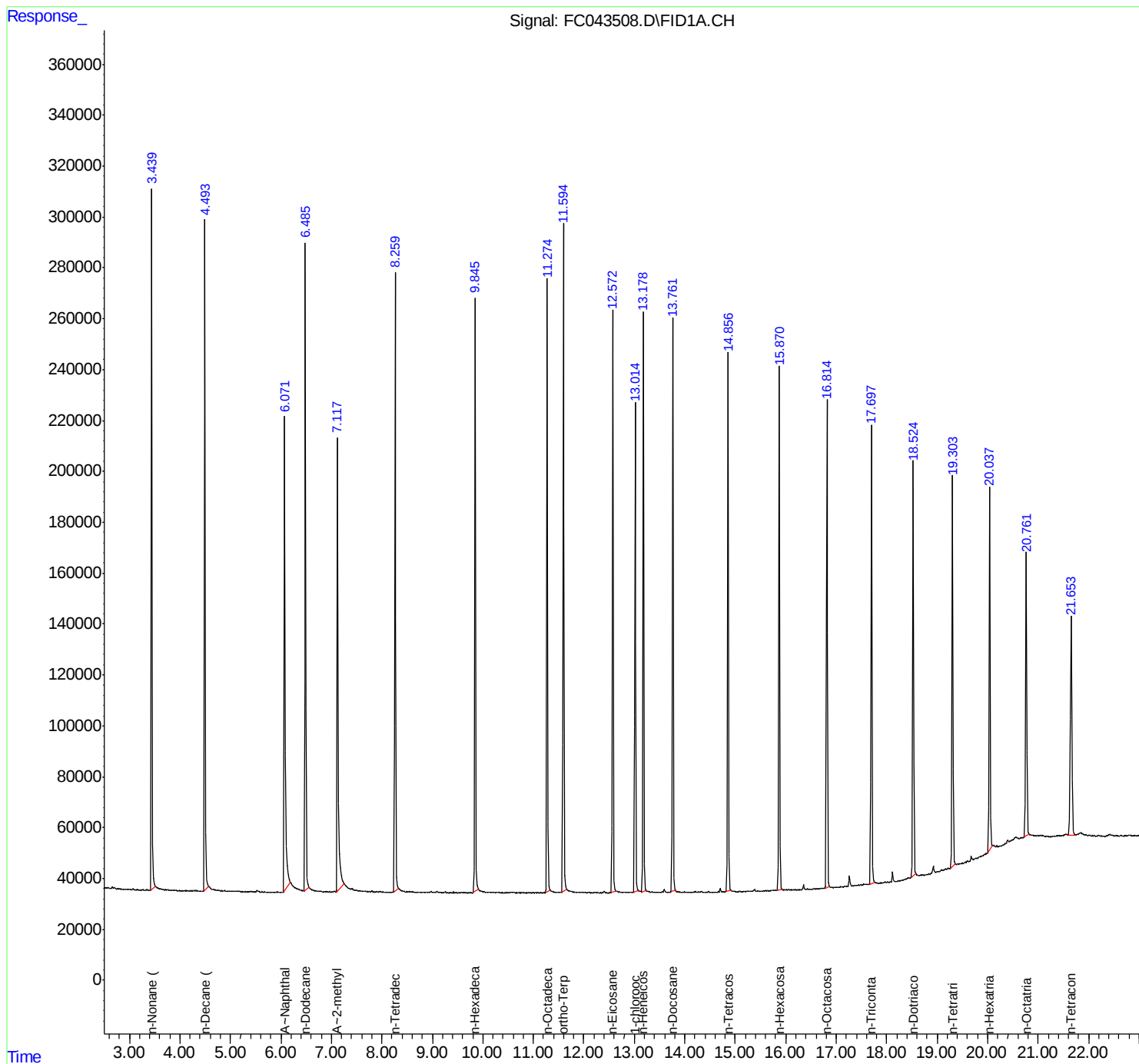
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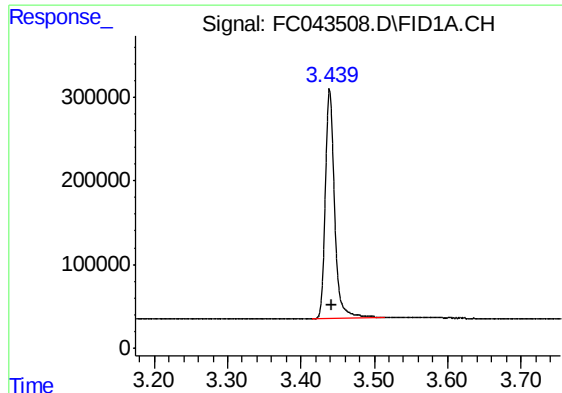
(m)=manual int.

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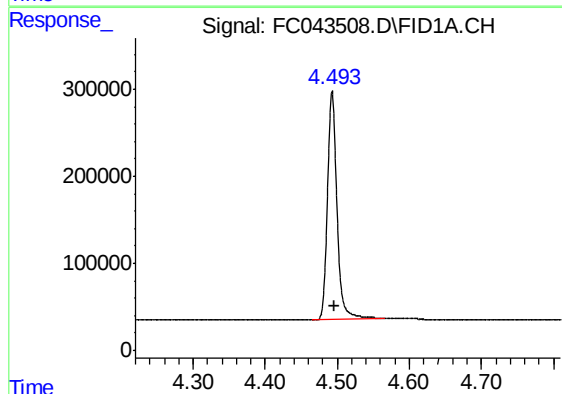
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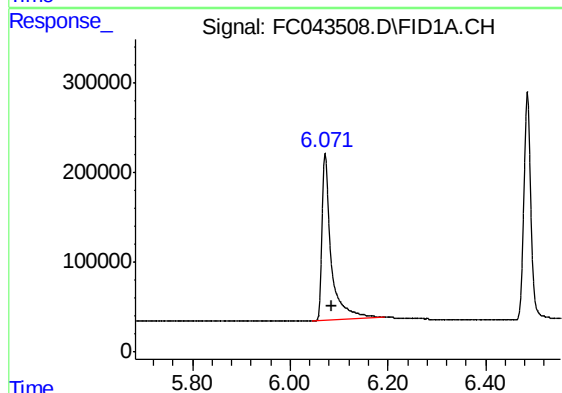
#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: -0.003 min
Response: 2390435
Conc: 20.49 ug/ml



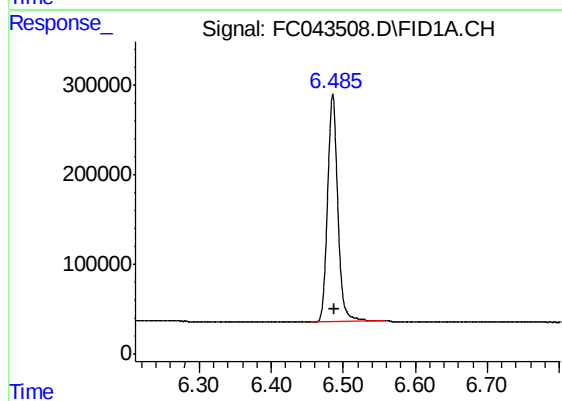
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.003 min
Response: 2398801
Conc: 20.59 ug/ml



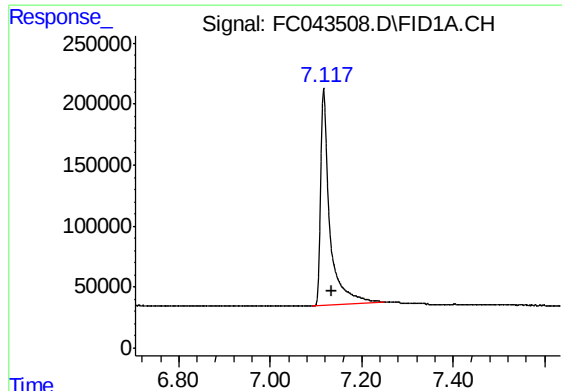
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.014 min
Response: 2407686
Conc: 20.58 ug/ml



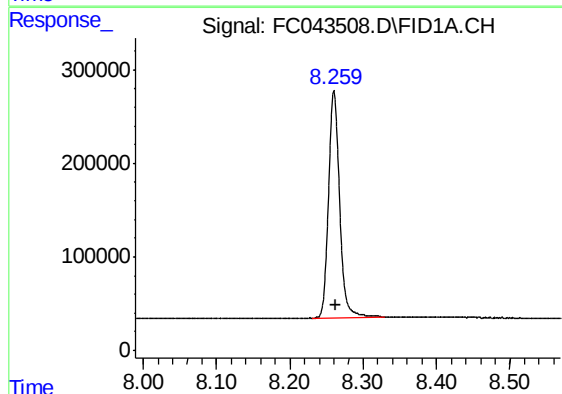
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 2507826
Conc: 20.57 ug/ml



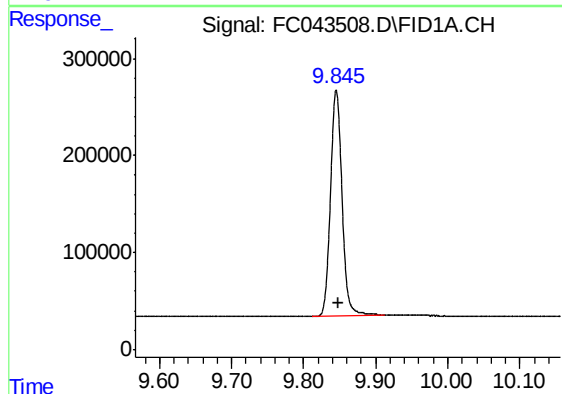
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.117 min
Delta R.T.: -0.018 min
Response: 2460627
Conc: 20.81 ug/ml



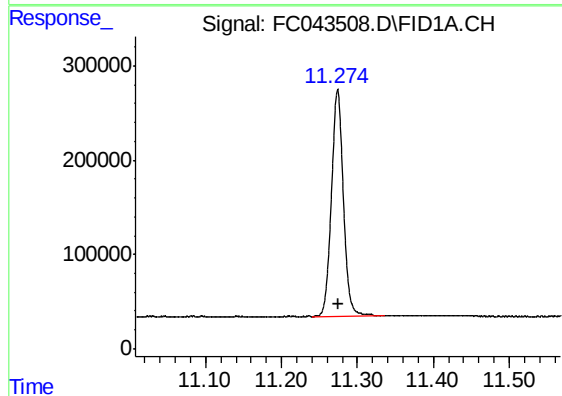
#6 n-Tetradecane (C14)

R.T.: 8.260 min
Delta R.T.: -0.003 min
Response: 2539135
Conc: 20.57 ug/ml



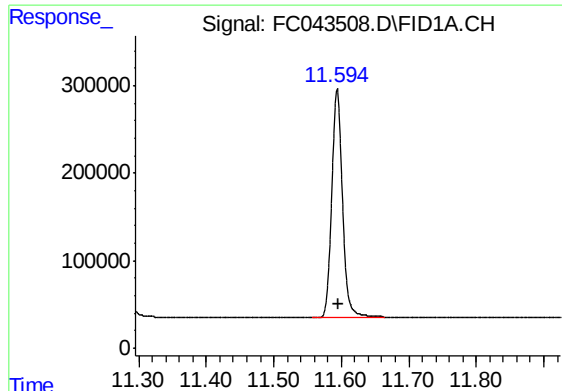
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.002 min
Response: 2577063
Conc: 20.55 ug/ml



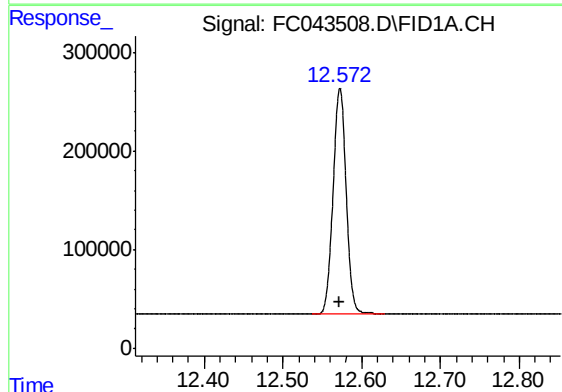
#8 n-Octadecane (C18)

R.T.: 11.274 min
Delta R.T.: 0.000 min
Response: 2630067
Conc: 20.40 ug/ml



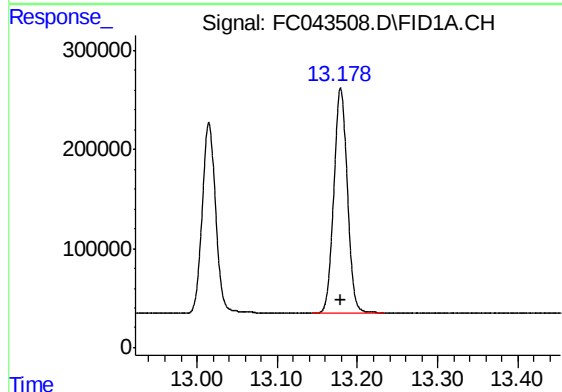
#9 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.002 min
Response: 2878148
Conc: 20.16 ug/ml



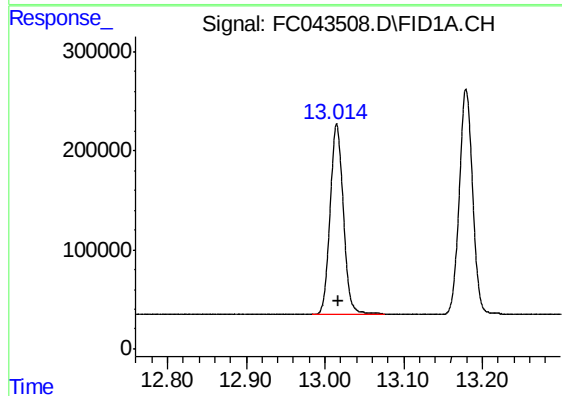
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2643302
Conc: 20.19 ug/ml



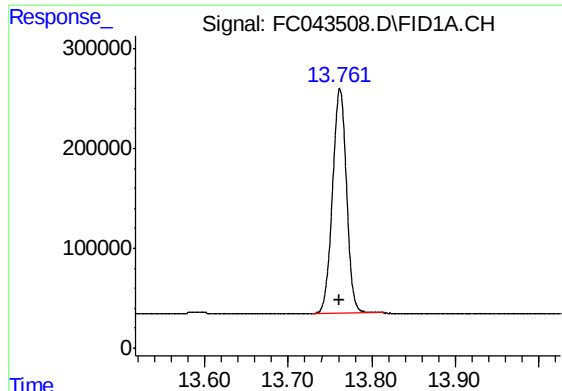
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: 0.000 min
Response: 2658457
Conc: 20.07 ug/ml



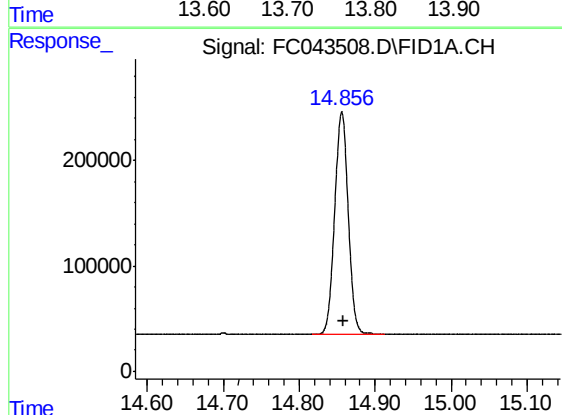
#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: -0.002 min
Response: 2231092
Conc: 20.15 ug/ml



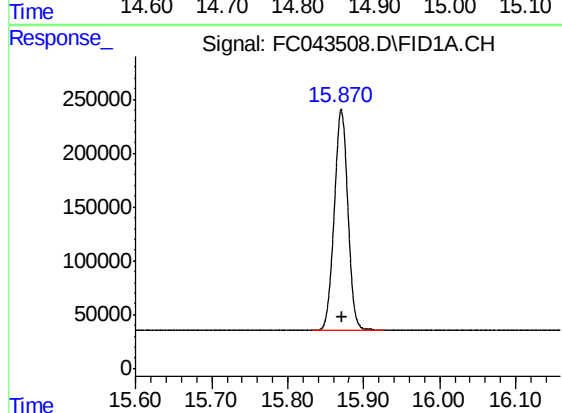
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: 0.000 min
Response: 2630709
Conc: 20.04 ug/ml



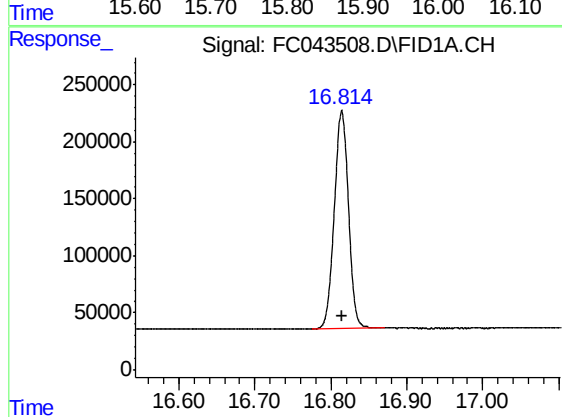
#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.001 min
Response: 2619643
Conc: 19.95 ug/ml



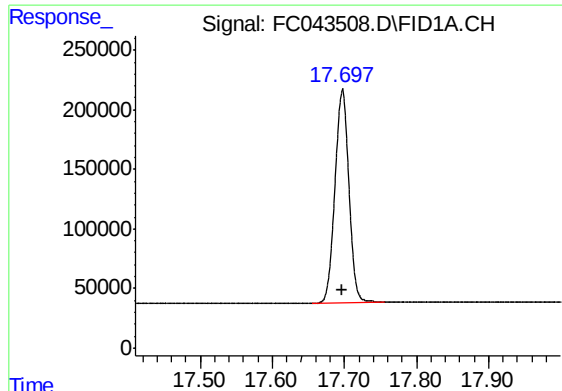
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2566835
Conc: 19.92 ug/ml



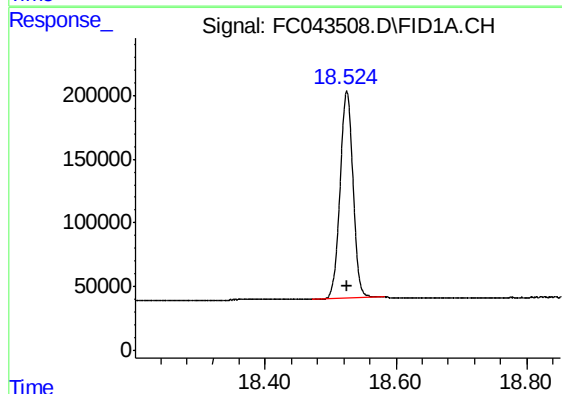
#16 n-Octacosane (C28)

R.T.: 16.814 min
Delta R.T.: 0.000 min
Response: 2487238
Conc: 19.76 ug/ml



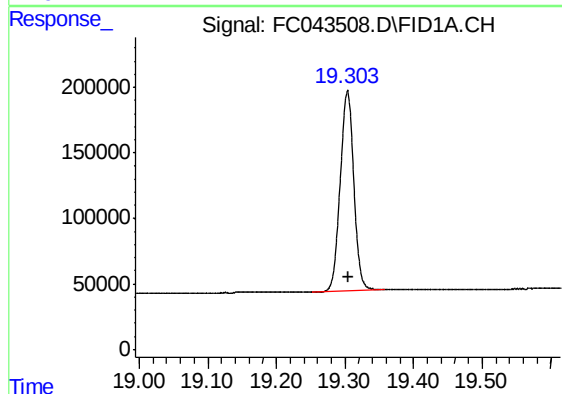
#17 n-Tricontane (C30)

R.T.: 17.697 min
Delta R.T.: 0.000 min
Response: 2404958
Conc: 19.59 ug/ml



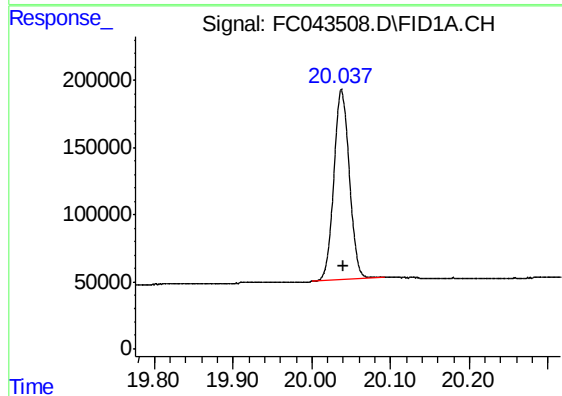
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: 0.000 min
Response: 2227698
Conc: 19.33 ug/ml



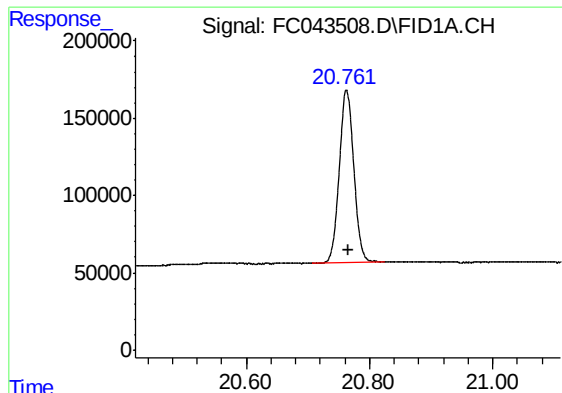
#19 n-Tetratriacontane (C34)

R.T.: 19.304 min
Delta R.T.: 0.000 min
Response: 2093966
Conc: 19.48 ug/ml



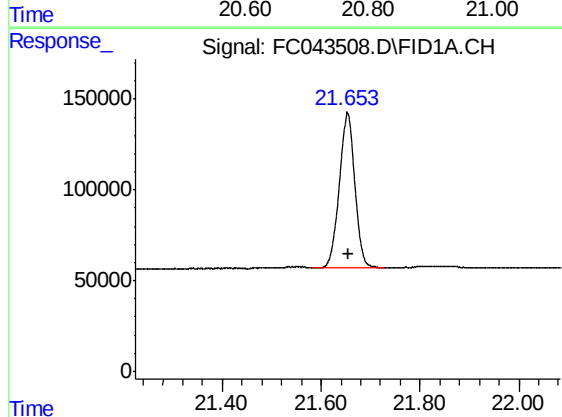
#20 n-Hexatriacontane (C36)

R.T.: 20.038 min
Delta R.T.: -0.003 min
Response: 1940390
Conc: 19.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.762 min
Delta R.T.: -0.005 min
Response: 1821343
Conc: 19.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.654 min
Delta R.T.: -0.002 min
Response: 1853415
Conc: 19.76 ug/ml