

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031320AL\
 Data File : FC046325.D
 Signal(s) : FID1A.CH
 Acq On : 14 Mar 2020 1:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 03:48:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.759	2303851	20.195 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	13.175	1781110	19.854 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	3.538	2273252	22.552 ug/ml
2) T n-Decane (C10)	4.606	2302459	22.828 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2388307	21.509 ug/ml
4) T n-Dodecane (C12)	6.615	2304026	22.584 ug/ml
5) T A~2-methylnaphthalene...	7.257	2376761	21.367 ug/ml
6) T n-Tetradecane (C14)	8.399	2276683	22.240 ug/ml
7) T n-Hexadecane (C16)	9.991	2237799	21.614 ug/ml
8) T n-Octadecane (C18)	11.426	2211474	21.037 ug/ml
10) T n-Eicosane (C20)	12.729	2161213	20.445 ug/ml
11) T n-Heneicosane (C21)	13.338	2149880	20.157 ug/ml
13) T n-Docosane (C22)	13.922	2117625	19.929 ug/ml
14) T n-Tetracosane (C24)	15.019	2099103	19.613 ug/ml
15) T n-Hexacosane (C26)	16.035	2073394	19.508 ug/ml
16) T n-Octacosane (C28)	16.980	2046854	19.550 ug/ml
17) T n-Tricontane (C30)	17.864	2011543	19.961 ug/ml
18) T n-Dotriacontane (C32)	18.692	1751180	20.462 ug/ml
19) T n-Tetratriacontane (C34)	19.471	1546983	21.315 ug/ml
20) T n-Hexatriacontane (C36)	20.207	1454845	21.512 ug/mlm
21) T n-Octatriacontane (C38)	20.971	1369251	22.654 ug/ml
22) T n-Tetracontane (C40)	21.927	1491090	23.717 ug/mlm

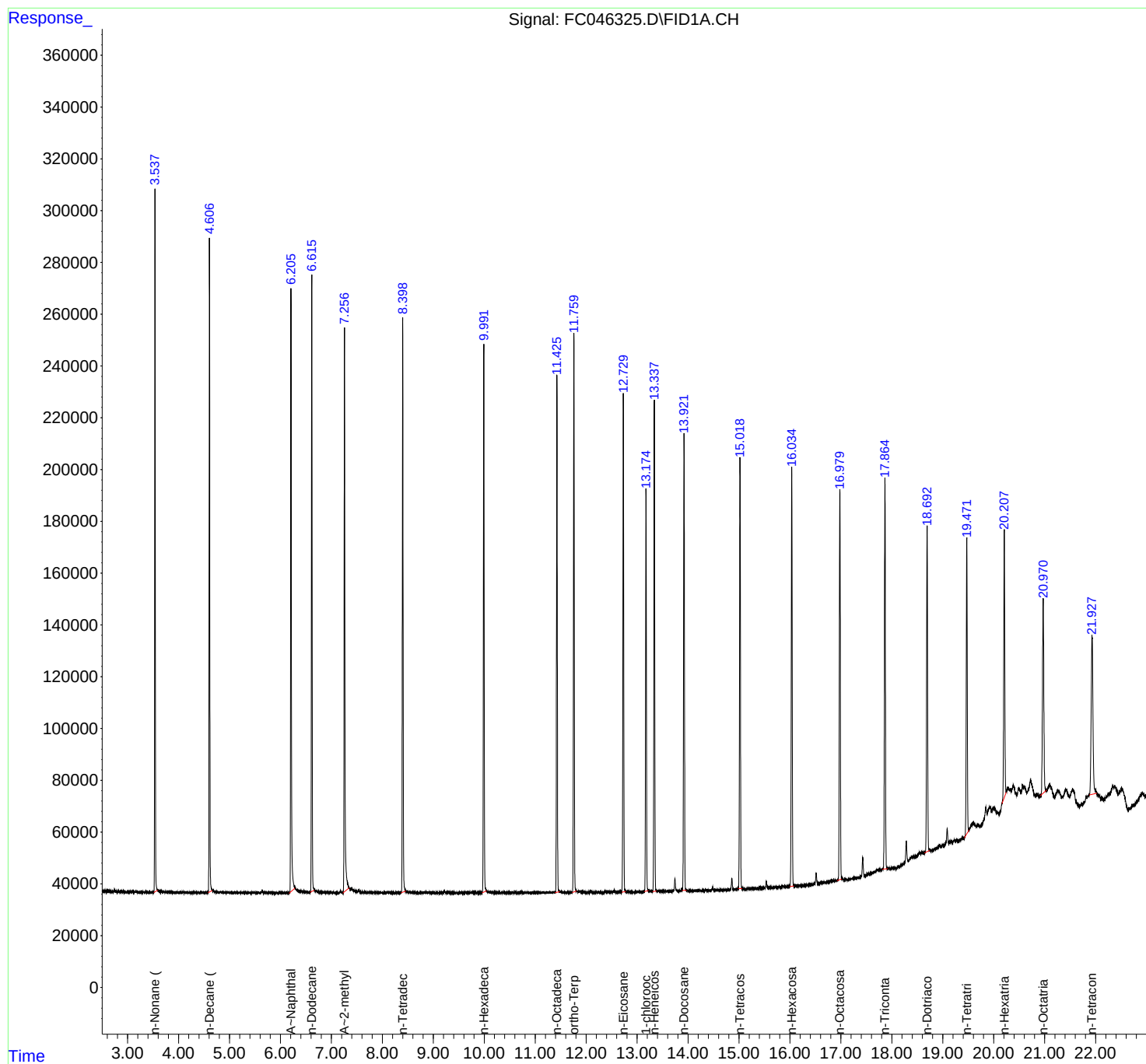
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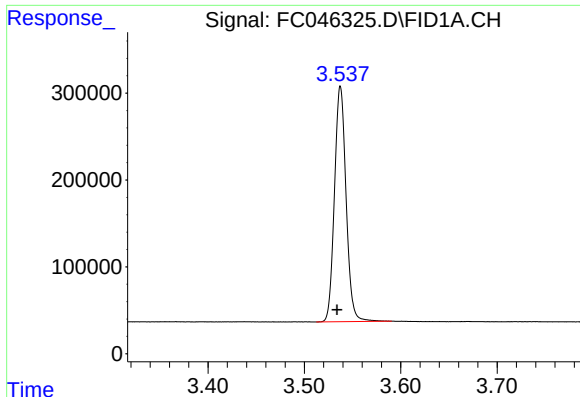
(m)=manual int.

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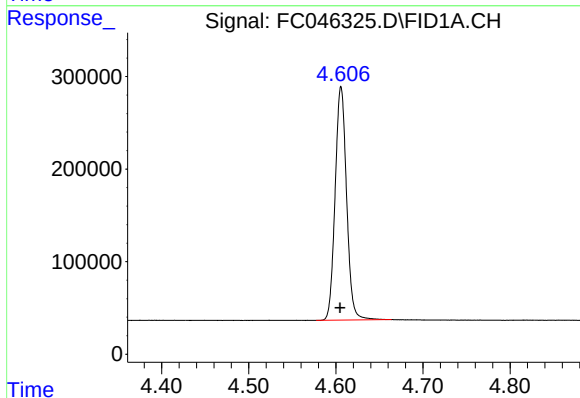
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





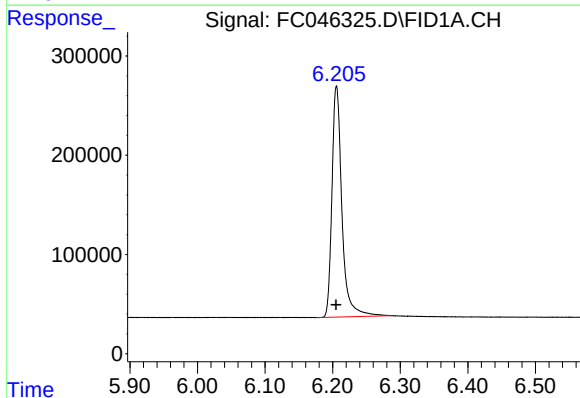
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2273252
Conc: 22.55 ug/ml



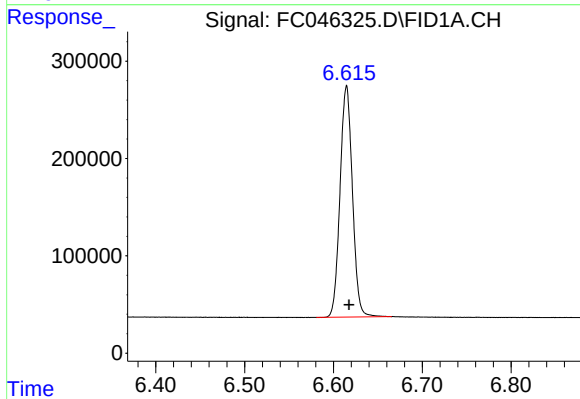
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2302459
Conc: 22.83 ug/ml



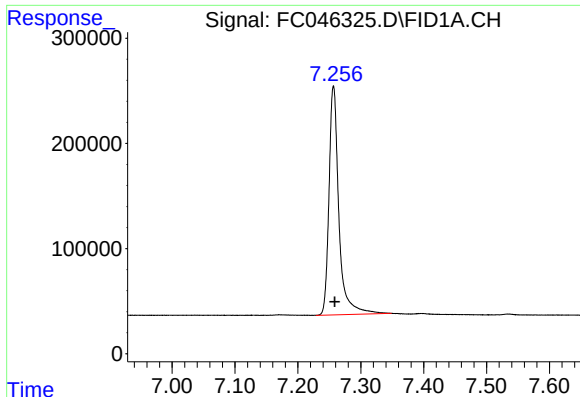
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 2388307
Conc: 21.51 ug/ml



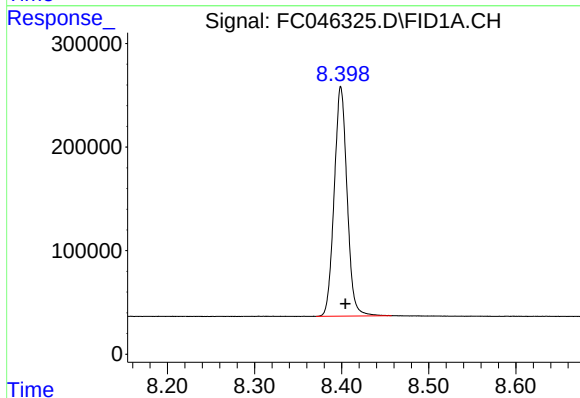
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 2304026
Conc: 22.58 ug/ml



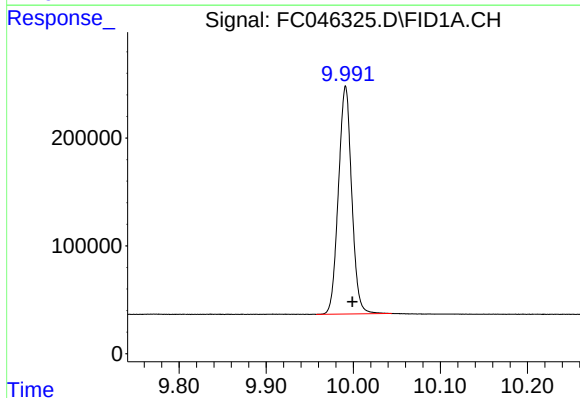
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 2376761
Conc: 21.37 ug/ml



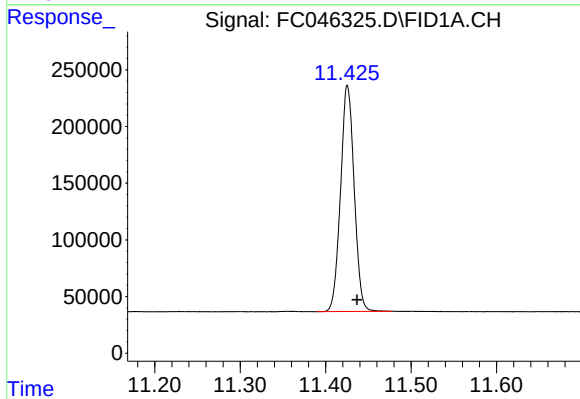
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 2276683
Conc: 22.24 ug/ml



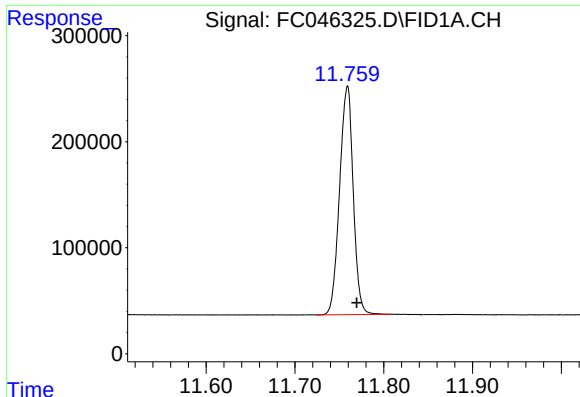
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: -0.008 min
Response: 2237799
Conc: 21.61 ug/ml



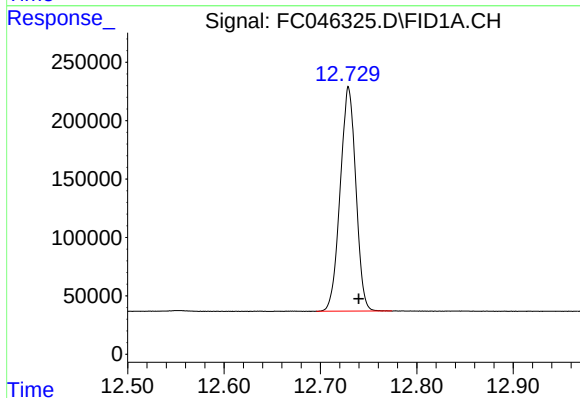
#8 n-Octadecane (C18)

R.T.: 11.426 min
Delta R.T.: -0.011 min
Response: 2211474
Conc: 21.04 ug/ml



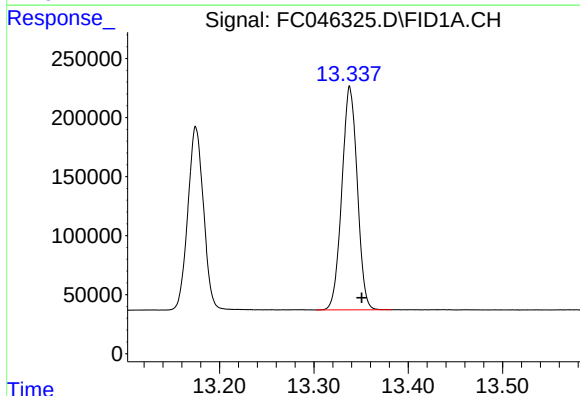
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: -0.010 min
Response: 2303851
Conc: 20.20 ug/ml



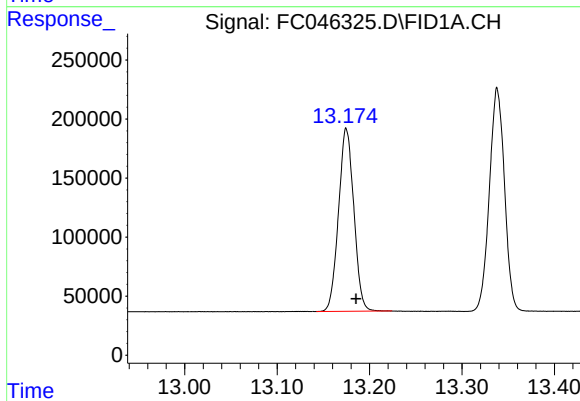
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: -0.010 min
Response: 2161213
Conc: 20.44 ug/ml



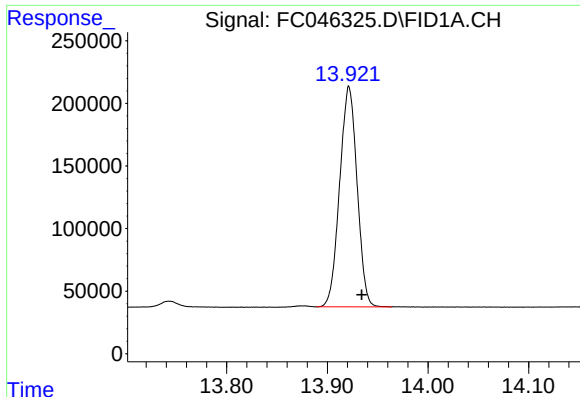
#11 n-Heneicosane (C21)

R.T.: 13.338 min
Delta R.T.: -0.013 min
Response: 2149880
Conc: 20.16 ug/ml



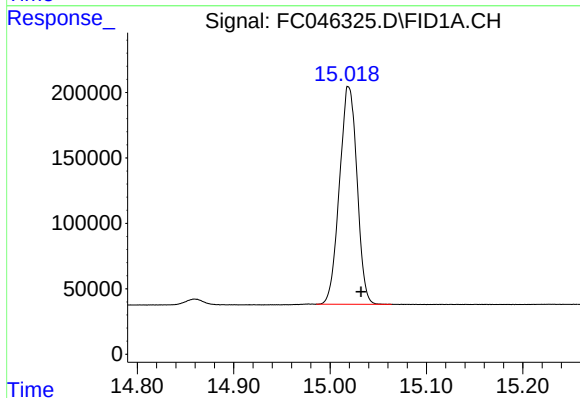
#12 1-chlorooctadecane (SURR)

R.T.: 13.175 min
Delta R.T.: -0.011 min
Response: 1781110
Conc: 19.85 ug/ml



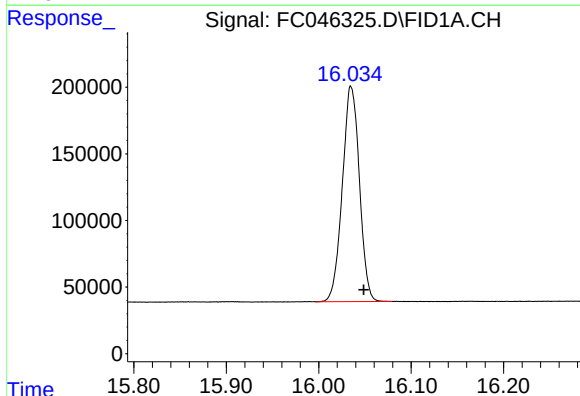
#13 n-Docosane (C22)

R.T.: 13.922 min
Delta R.T.: -0.013 min
Response: 2117625
Conc: 19.93 ug/ml



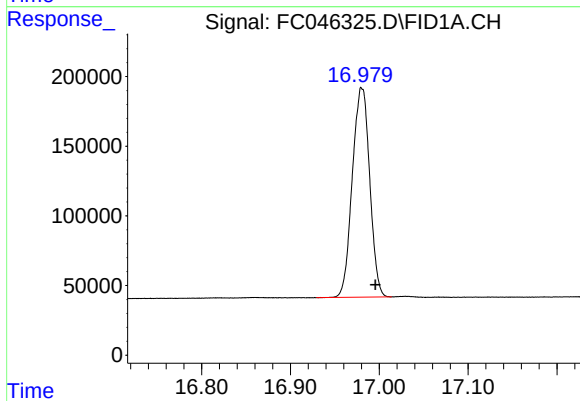
#14 n-Tetracosane (C24)

R.T.: 15.019 min
Delta R.T.: -0.013 min
Response: 2099103
Conc: 19.61 ug/ml



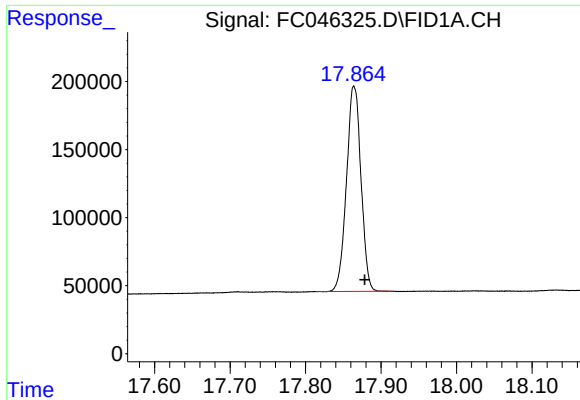
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: -0.014 min
Response: 2073394
Conc: 19.51 ug/ml



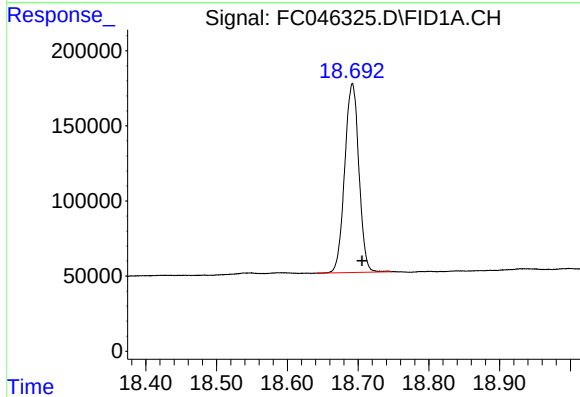
#16 n-Octacosane (C28)

R.T.: 16.980 min
Delta R.T.: -0.015 min
Response: 2046854
Conc: 19.55 ug/ml



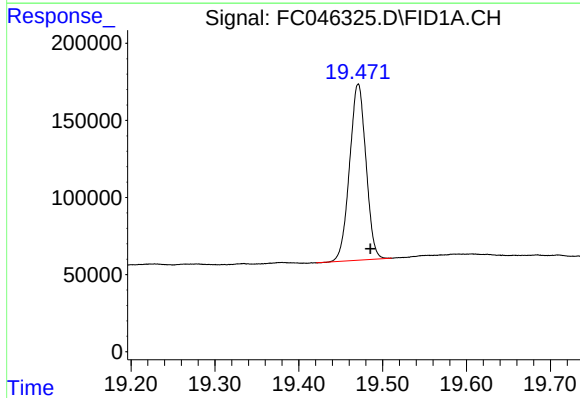
#17 n-Tricontane (C30)

R.T.: 17.864 min
Delta R.T.: -0.014 min
Response: 2011543
Conc: 19.96 ug/ml



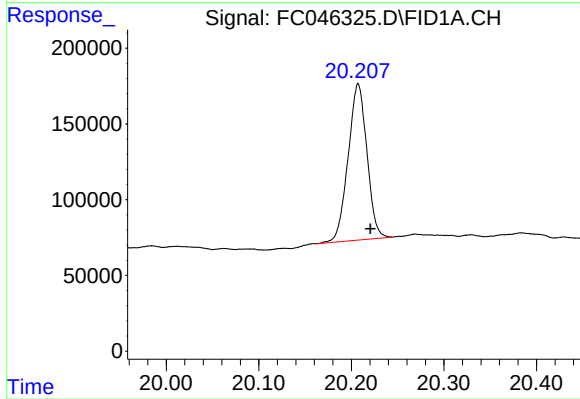
#18 n-Dotriacontane (C32)

R.T.: 18.692 min
Delta R.T.: -0.014 min
Response: 1751180
Conc: 20.46 ug/ml



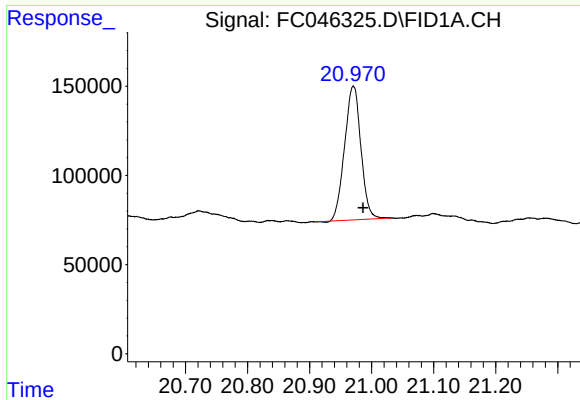
#19 n-Tetratriacontane (C34)

R.T.: 19.471 min
Delta R.T.: -0.014 min
Response: 1546983
Conc: 21.31 ug/ml



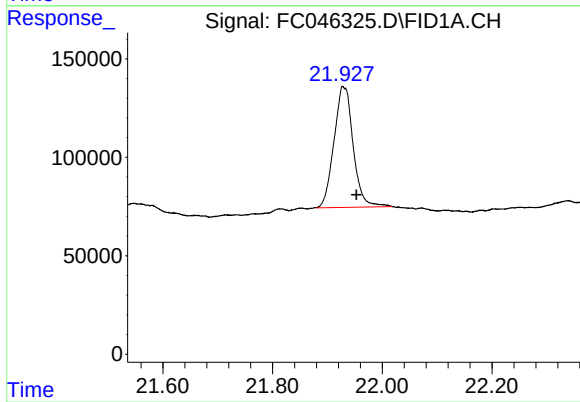
#20 n-Hexatriacontane (C36)

R.T.: 20.207 min
Delta R.T.: -0.014 min
Response: 1454845
Conc: 21.51 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.971 min
Delta R.T.: -0.016 min
Response: 1369251
Conc: 22.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.026 min
Response: 1491090
Conc: 23.72 ug/ml m