

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120722AL\
 Data File : FC062375.D
 Signal(s) : FID1A.ch
 Acq On : 07 Dec 2022 23:05
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 00:59:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 00:58:42 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.571	781315	5.325 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
12) S 1-chlorooctadecane (S...	13.011	584056	5.238 ug/ml
Spiked Amount 50.000		Recovery =	10.48%
Target Compounds			
1) T n-Nonane (C9)	3.324	707977	5.392 ug/ml
2) T n-Decane (C10)	4.393	676176	5.297 ug/ml
3) T A~Naphthalene (C11.7)	5.981	753551	5.087 ug/ml
4) T n-Dodecane (C12)	6.415	677985	5.210 ug/ml
5) T A~2-methylnaphthalene...	7.038	647656	4.784 ug/ml
6) T n-Tetradecane (C14)	8.213	649443	5.162 ug/ml
7) T n-Hexadecane (C16)	9.816	672460	5.132 ug/ml
8) T n-Octadecane (C18)	11.258	699533	5.245 ug/ml
10) T n-Eicosane (C20)	12.568	693702	5.350 ug/ml
11) T n-Heneicosane (C21)	13.180	687086	5.336 ug/ml
13) T n-Docosane (C22)	13.765	676115	5.342 ug/ml
14) T n-Tetracosane (C24)	14.868	672391	5.384 ug/ml
15) T n-Hexacosane (C26)	15.887	653243	5.401 ug/ml
16) T n-Octacosane (C28)	16.836	652619	5.546 ug/ml
17) T n-Tricontane (C30)	17.723	654396	5.678 ug/ml
18) T n-Dotriacontane (C32)	18.553	654005	5.711 ug/ml
19) T n-Tetratriacontane (C34)	19.336	634401	5.697 ug/ml
20) T n-Hexatriacontane (C36)	20.072	592157	5.655 ug/mlm
21) T n-Octatriacontane (C38)	20.811	591008	5.599 ug/mlm
22) T n-Tetracontane (C40)	21.725	580892	5.521 ug/mlm

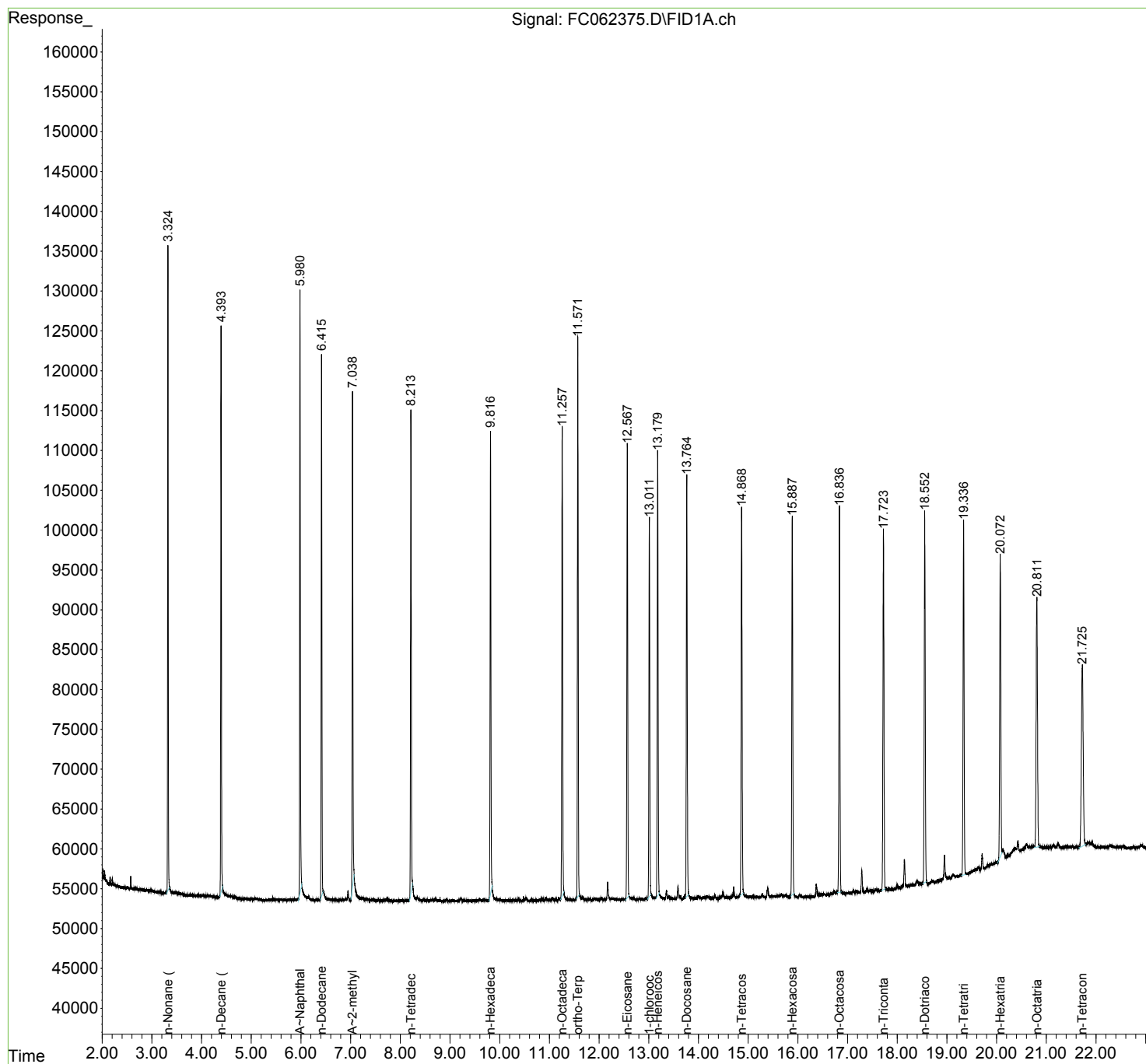
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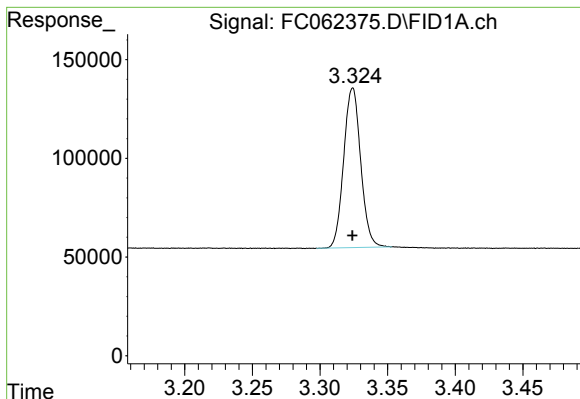
(m)=manual int.

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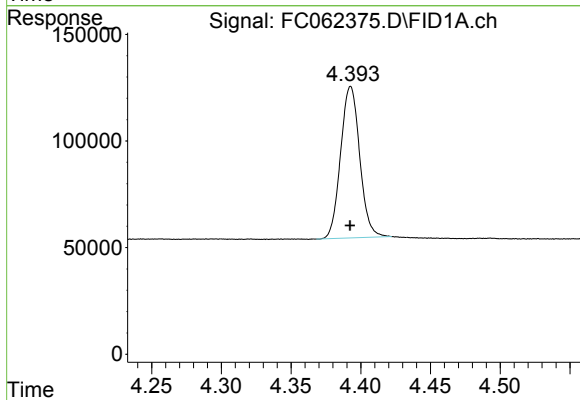
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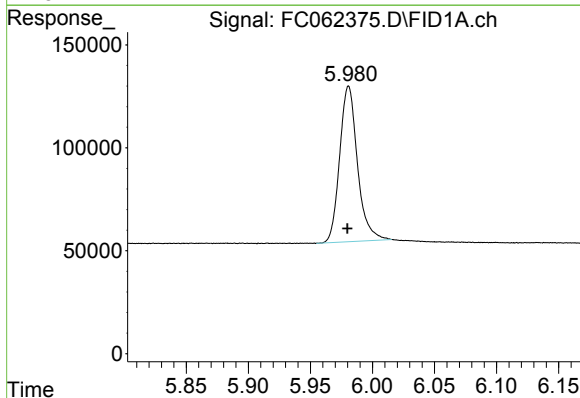
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 707977
Conc: 5.39 ug/ml



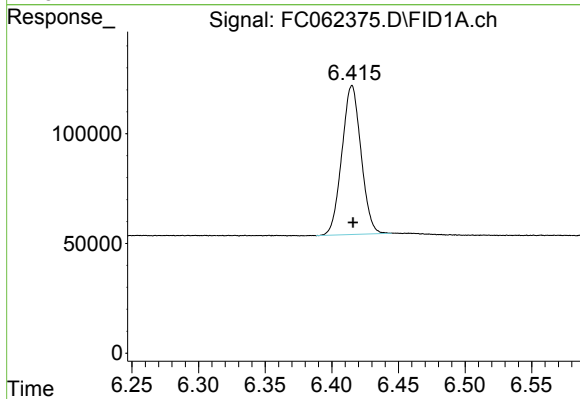
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 676176
Conc: 5.30 ug/ml



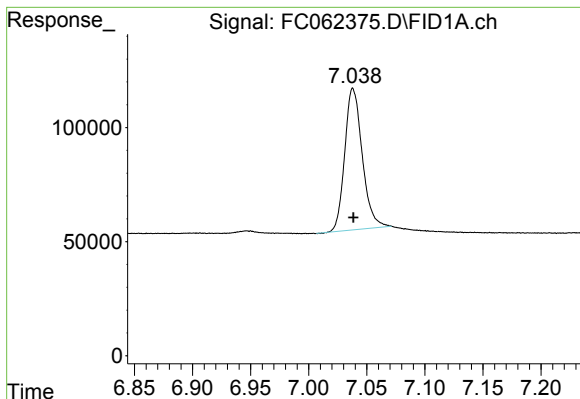
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: 0.001 min
Response: 753551
Conc: 5.09 ug/ml



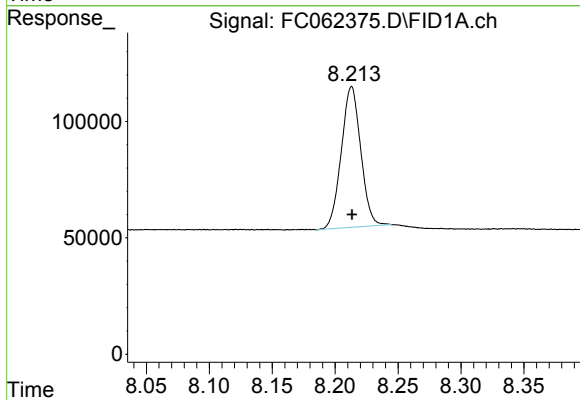
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 677985
Conc: 5.21 ug/ml



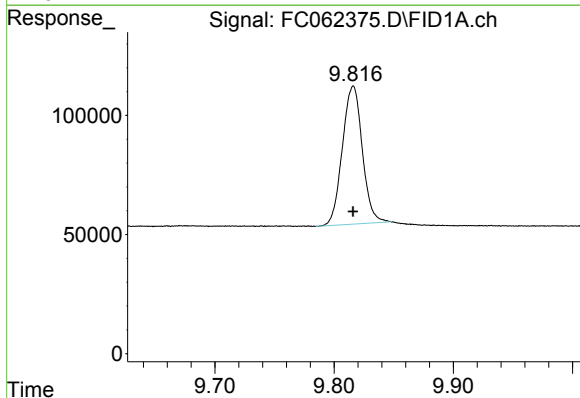
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 647656
Conc: 4.78 ug/ml



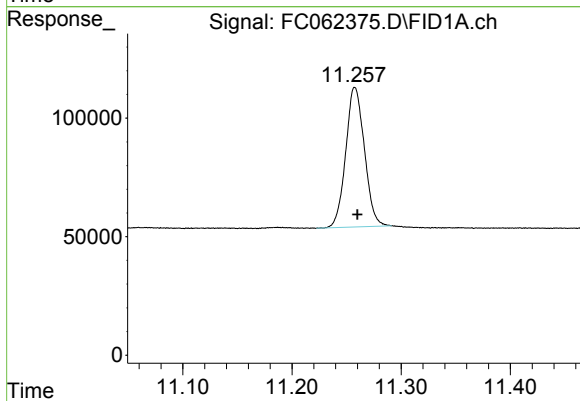
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 649443
Conc: 5.16 ug/ml



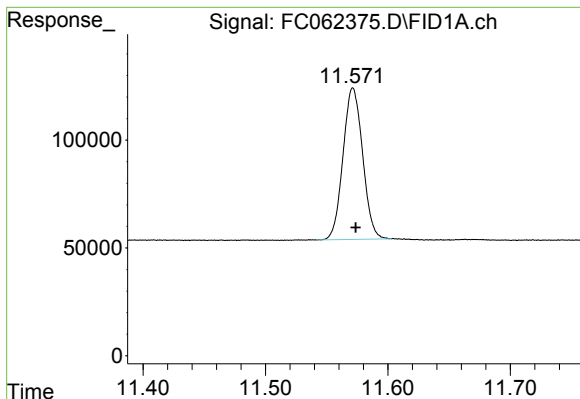
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: 0.000 min
Response: 672460
Conc: 5.13 ug/ml



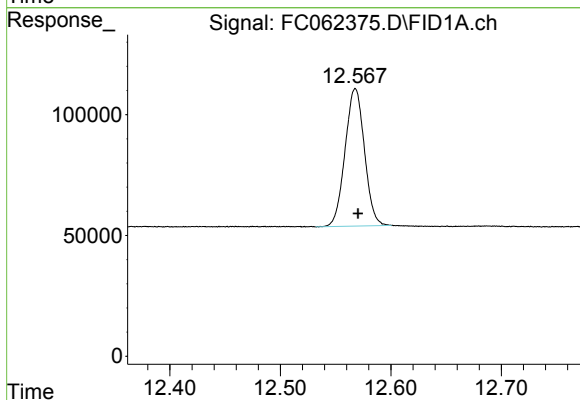
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.002 min
Response: 699533
Conc: 5.24 ug/ml



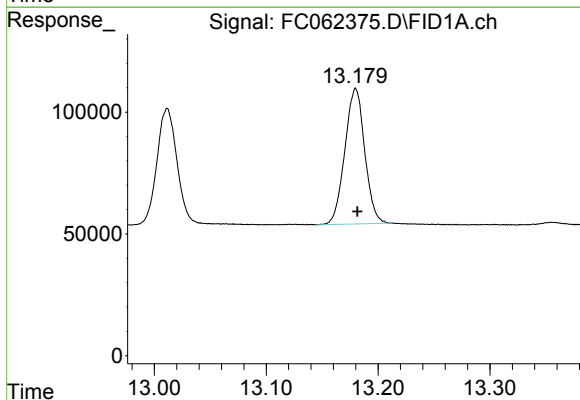
#9 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: -0.002 min
Response: 781315
Conc: 5.32 ug/ml



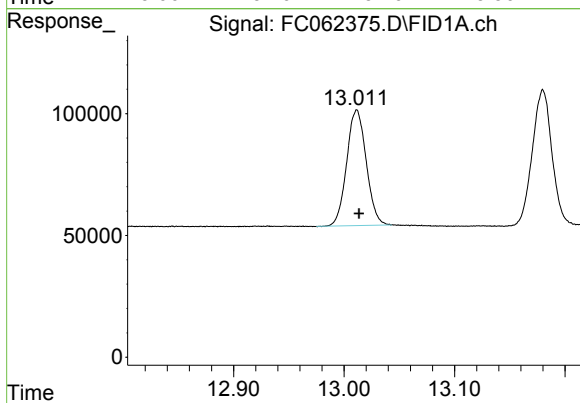
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: -0.002 min
Response: 693702
Conc: 5.35 ug/ml



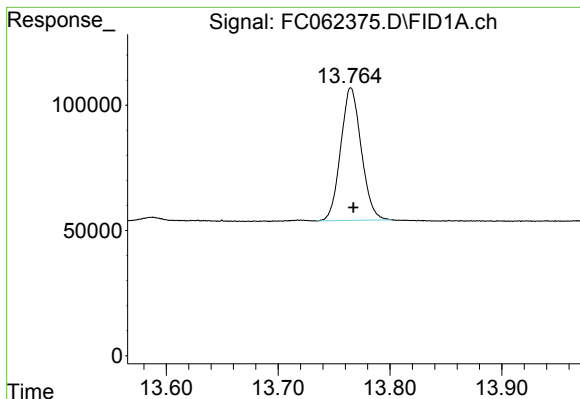
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.002 min
Response: 687086
Conc: 5.34 ug/ml



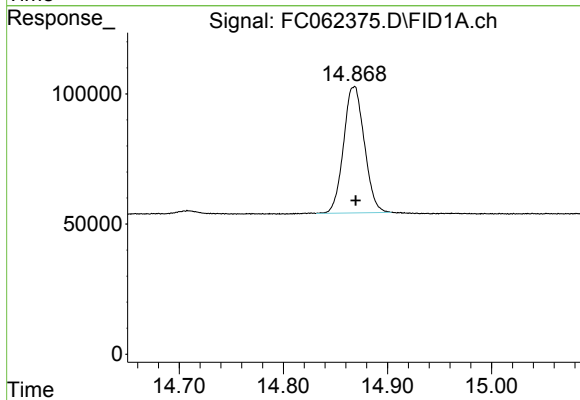
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.002 min
Response: 584056
Conc: 5.24 ug/ml



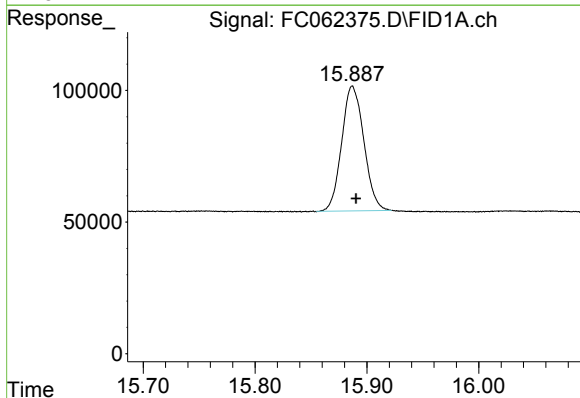
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.002 min
Response: 676115
Conc: 5.34 ug/ml



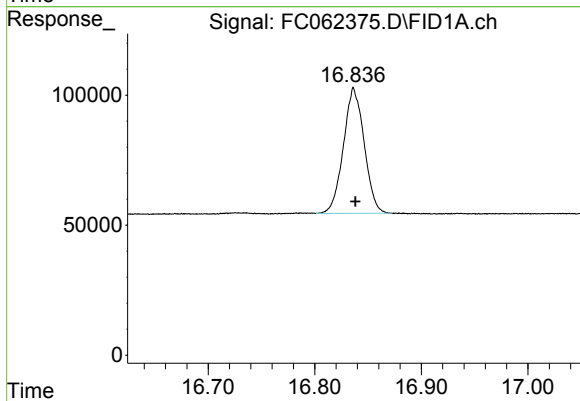
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: -0.002 min
Response: 672391
Conc: 5.38 ug/ml



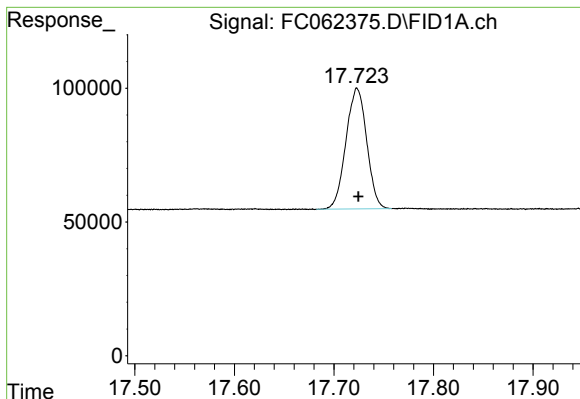
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.003 min
Response: 653243
Conc: 5.40 ug/ml



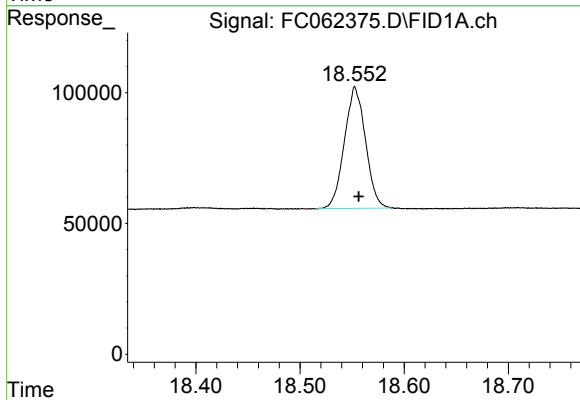
#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.002 min
Response: 652619
Conc: 5.55 ug/ml



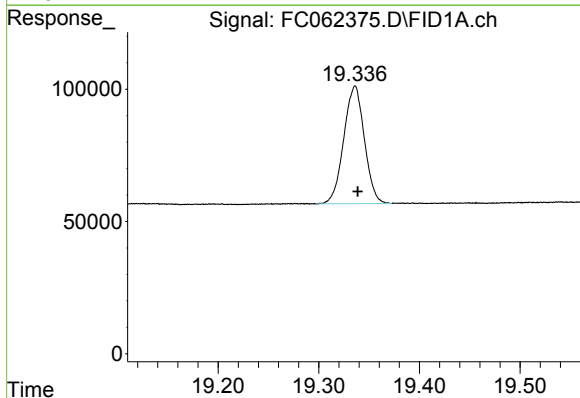
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: -0.001 min
Response: 654396
Conc: 5.68 ug/ml



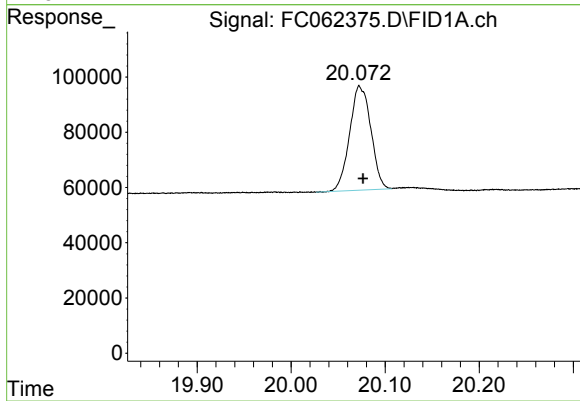
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: -0.004 min
Response: 654005
Conc: 5.71 ug/ml



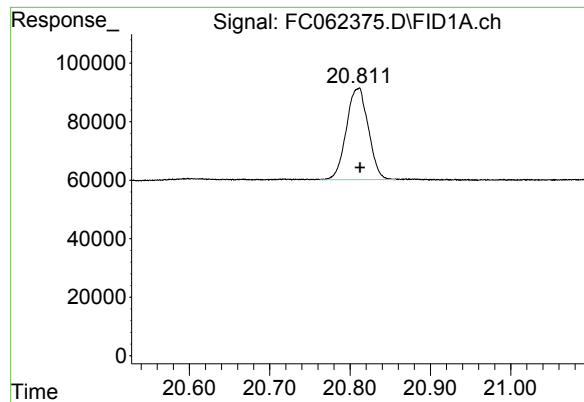
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.003 min
Response: 634401
Conc: 5.70 ug/ml



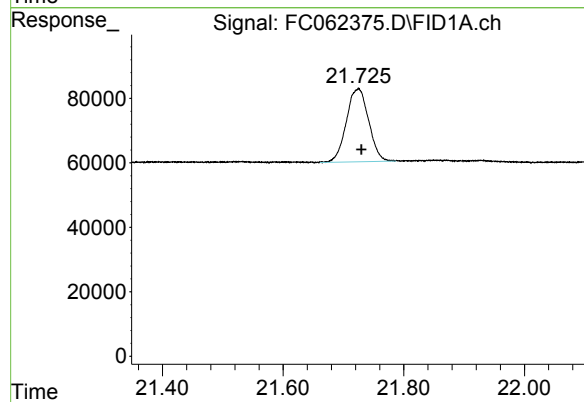
#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: -0.005 min
Response: 592157
Conc: 5.65 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: 0.000 min
Response: 591008
Conc: 5.60 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: -0.004 min
Response: 580892
Conc: 5.52 ug/ml m