

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031023AL\
 Data File : FC063150.D
 Signal(s) : FID1A.ch
 Acq On : 10 Mar 2023 14:41
 Operator : YP/AJ
 Sample : EPH CARTRIDGES-3
 Misc : E3480
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 11 03:18:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 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)	11.532	337287	2.598 ug/ml
Spiked Amount 50.000		Recovery =	5.20%
12) S 1-chlorooctadecane (S...	12.974	3369969	34.547 ug/ml
Spiked Amount 50.000		Recovery =	69.09%
Target Compounds			
1) T n-Nonane (C9)	3.295	2405600	20.290 ug/ml
2) T n-Decane (C10)	4.362	2863462	24.832 ug/ml
4) T n-Dodecane (C12)	6.383	3194270	27.662 ug/ml
6) T n-Tetradecane (C14)	8.180	3230110	28.581 ug/ml
7) T n-Hexadecane (C16)	9.782	3515667	30.561 ug/ml
8) T n-Octadecane (C18)	11.223	3805928	32.676 ug/ml
10) T n-Eicosane (C20)	12.531	3755068	32.955 ug/ml
11) T n-Heneicosane (C21)	13.142	3728894	32.720 ug/ml
13) T n-Docosane (C22)	13.727	3736917	33.134 ug/ml
14) T n-Tetracosane (C24)	14.828	3705915	33.070 ug/ml
15) T n-Hexacosane (C26)	15.849	3685681	33.327 ug/ml
16) T n-Octacosane (C28)	16.796	3649119	33.164 ug/ml
17) T n-Tricontane (C30)	17.683	3672106	33.345 ug/ml
18) T n-Dotriacontane (C32)	18.513	3744629	33.552 ug/ml
19) T n-Tetratriacontane (C34)	19.297	3724527	33.325 ug/ml
20) T n-Hexatriacontane (C36)	20.034	3576840	32.950 ug/ml
21) T n-Octatriacontane (C38)	20.763	3595245	33.085 ug/ml
22) T n-Tetracontane (C40)	21.662	3627447	33.343 ug/ml

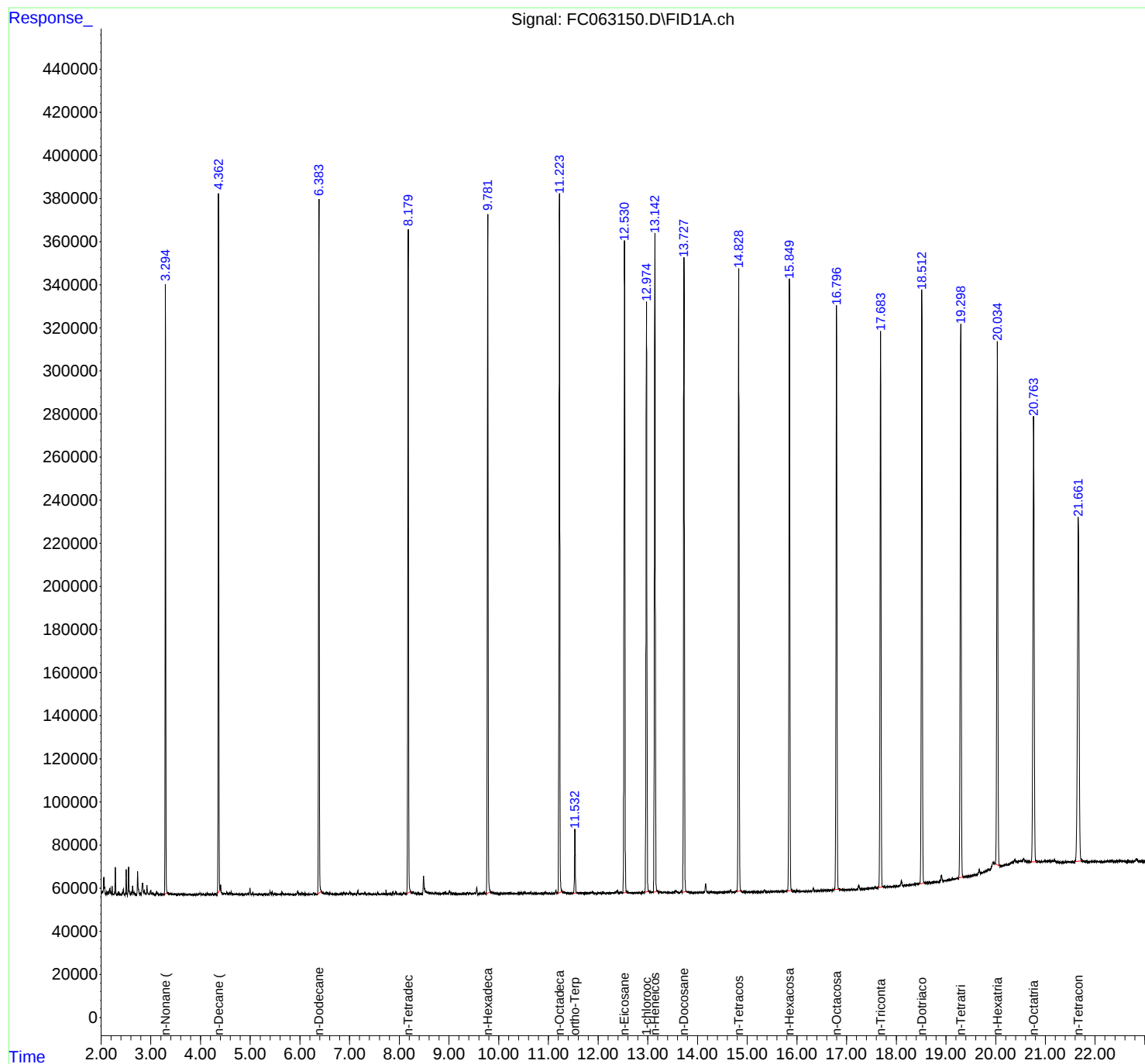
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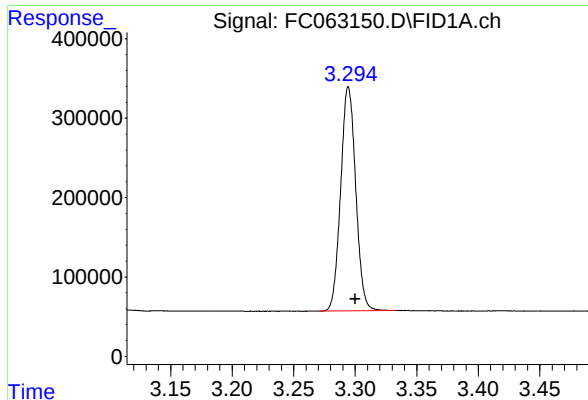
(m)=manual int.

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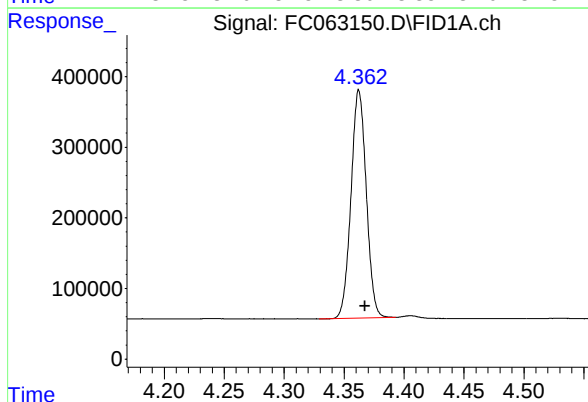
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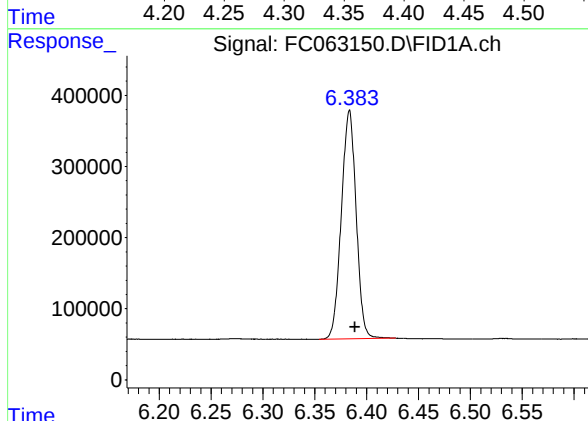
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 2405600
Conc: 20.29 ug/ml



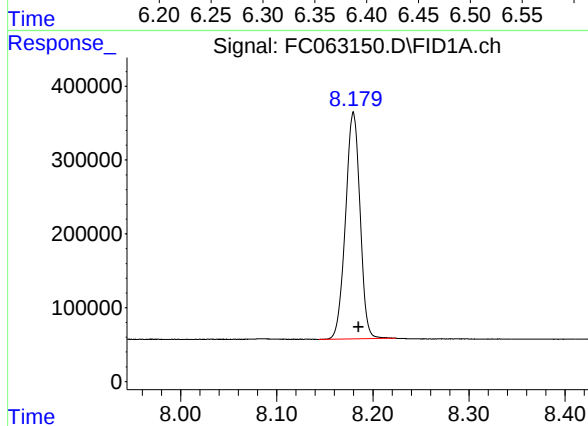
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 2863462
Conc: 24.83 ug/ml



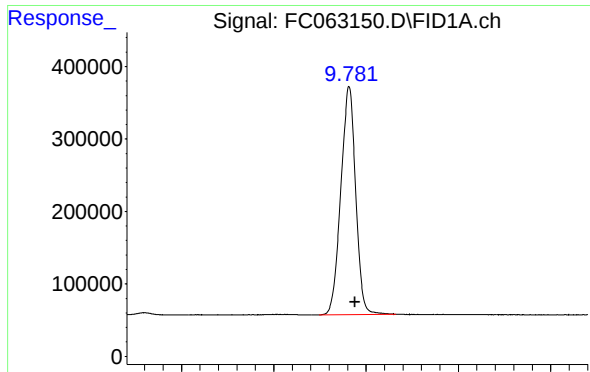
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 3194270
Conc: 27.66 ug/ml



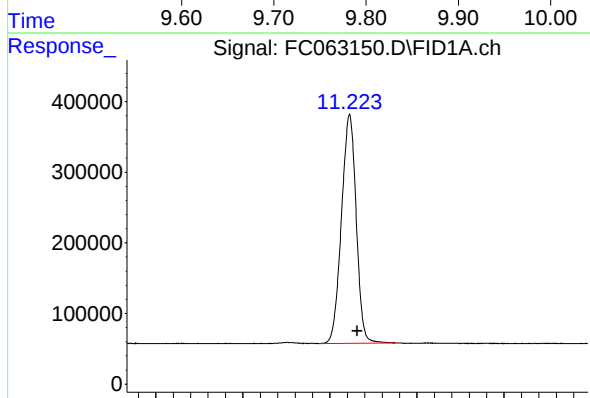
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 3230110
Conc: 28.58 ug/ml



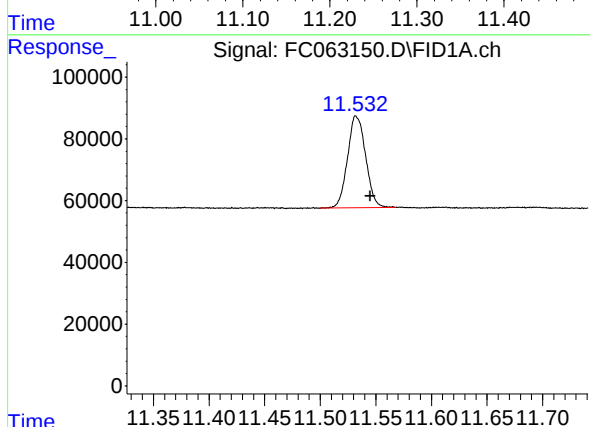
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.006 min
Response: 3515667
Conc: 30.56 ug/ml



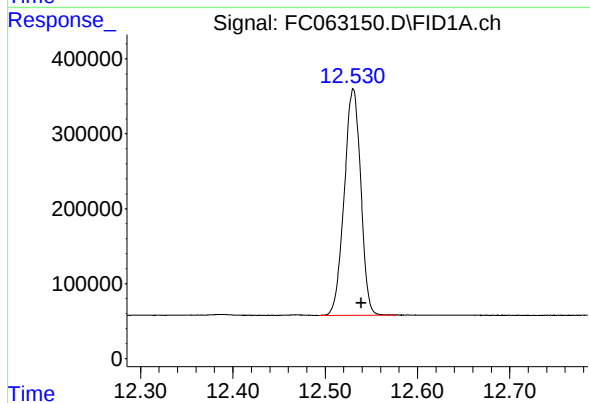
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.009 min
Response: 3805928
Conc: 32.68 ug/ml



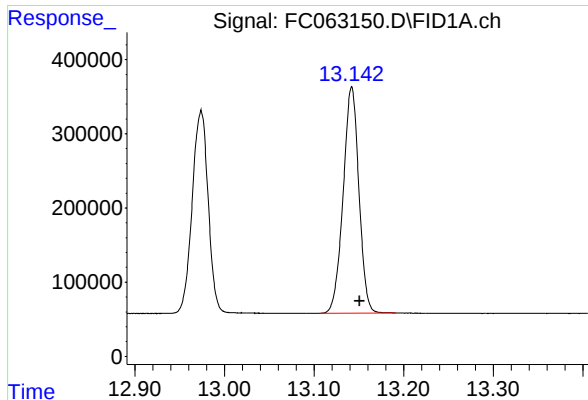
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.013 min
Response: 337287
Conc: 2.60 ug/ml



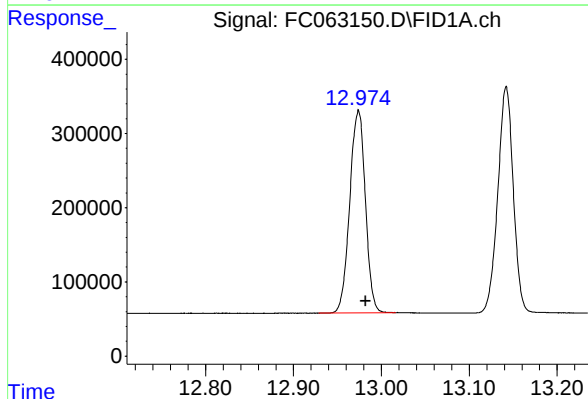
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.009 min
Response: 3755068
Conc: 32.96 ug/ml



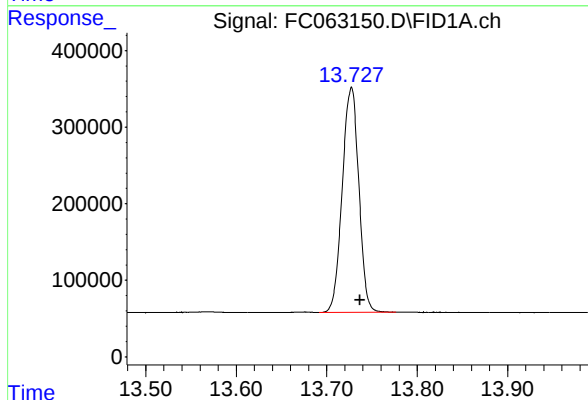
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 3728894
Conc: 32.72 ug/ml



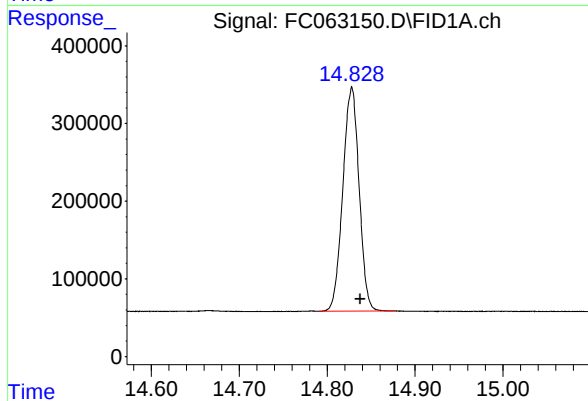
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 3369969
Conc: 34.55 ug/ml



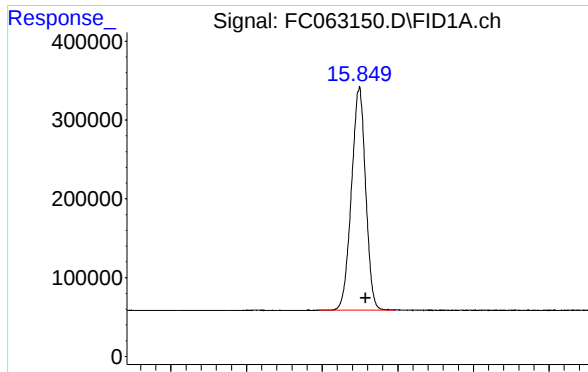
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.010 min
Response: 3736917
Conc: 33.13 ug/ml



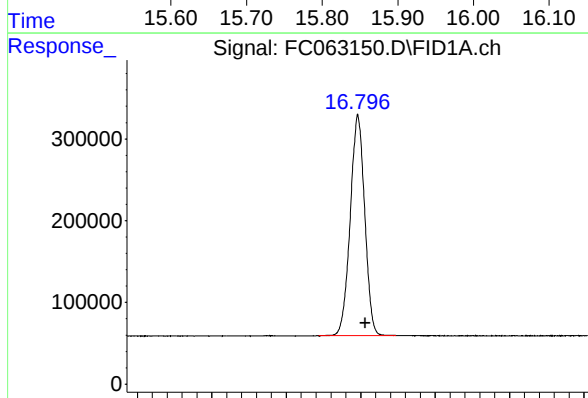
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.010 min
Response: 3705915
Conc: 33.07 ug/ml



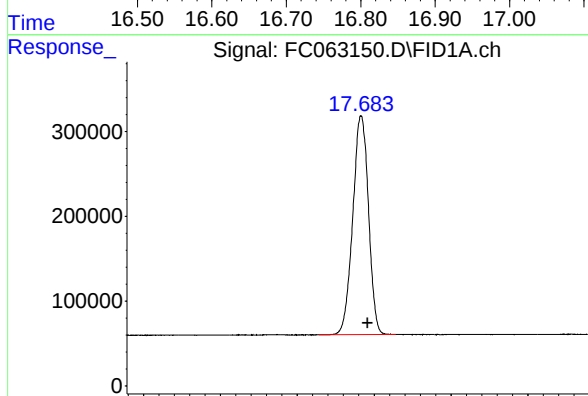
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.008 min
Response: 3685681
Conc: 33.33 ug/ml



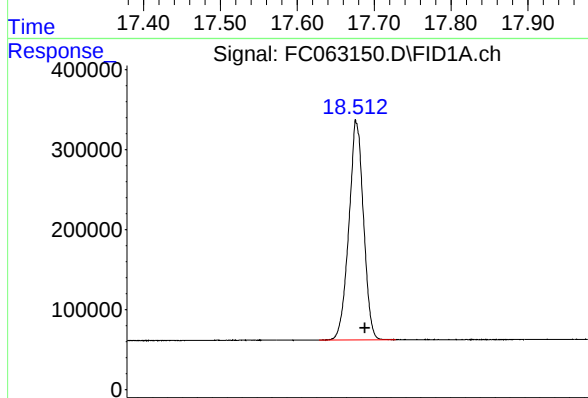
#16 n-Octacosane (C28)

R.T.: 16.796 min
Delta R.T.: -0.010 min
Response: 3649119
Conc: 33.16 ug/ml



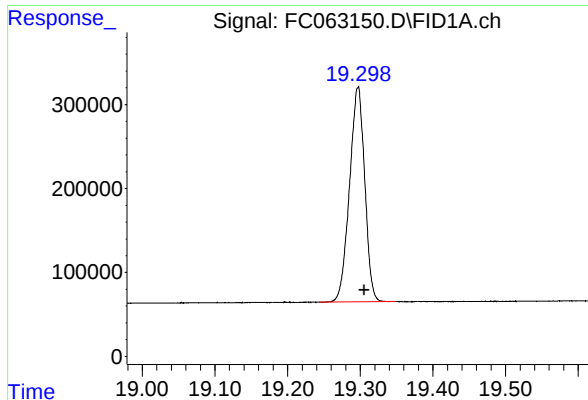
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.009 min
Response: 3672106
Conc: 33.35 ug/ml



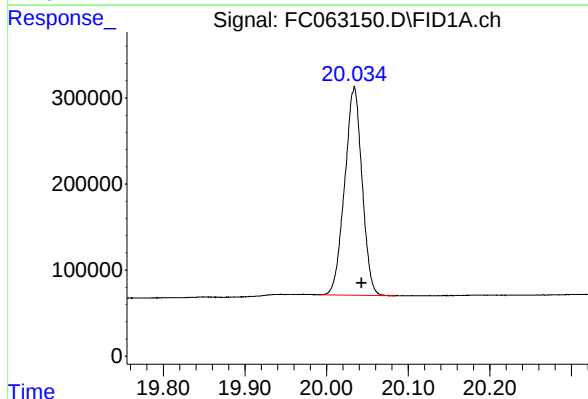
#18 n-Dotriacontane (C32)

R.T.: 18.513 min
Delta R.T.: -0.012 min
Response: 3744629
Conc: 33.55 ug/ml



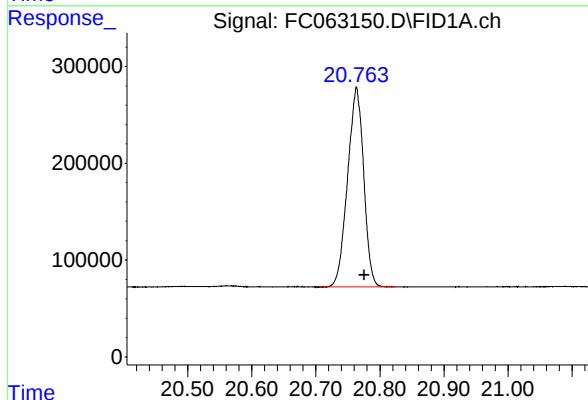
#19 n-Tetratriacontane (C34)

R.T.: 19.297 min
Delta R.T.: -0.008 min
Response: 3724527
Conc: 33.32 ug/ml



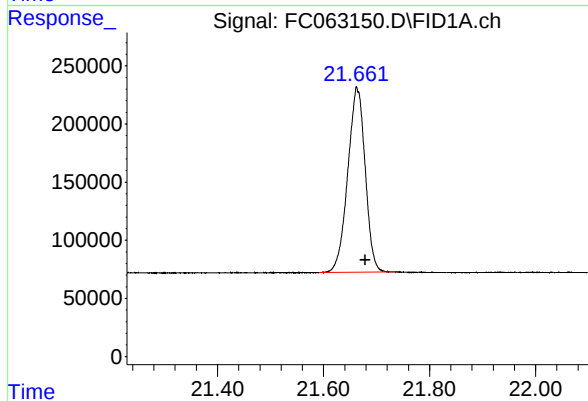
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 3576840
Conc: 32.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min
Delta R.T.: -0.012 min
Response: 3595245
Conc: 33.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.662 min
Delta R.T.: -0.016 min
Response: 3627447
Conc: 33.34 ug/ml