

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031023AL\
 Data File : FC063151.D
 Signal(s) : FID1A.ch
 Acq On : 10 Mar 2023 15:28
 Operator : YP/AJ
 Sample : EPH CARTRIDGES-4
 Misc : E3480
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 11 03:18:27 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			
12) S 1-chlorooctadecane (S...	12.975	3342890	34.269 ug/ml
Spiked Amount 50.000		Recovery =	68.54%
Target Compounds			
1) T n-Nonane (C9)	3.295	2399218	20.237 ug/ml
2) T n-Decane (C10)	4.363	2851676	24.730 ug/ml
4) T n-Dodecane (C12)	6.383	3174528	27.491 ug/ml
6) T n-Tetradecane (C14)	8.180	3195602	28.275 ug/ml
7) T n-Hexadecane (C16)	9.781	3489714	30.336 ug/ml
8) T n-Octadecane (C18)	11.222	3767691	32.348 ug/ml
10) T n-Eicosane (C20)	12.532	3718833	32.637 ug/ml
11) T n-Heneicosane (C21)	13.143	3690490	32.383 ug/ml
13) T n-Docosane (C22)	13.729	3701658	32.821 ug/ml
14) T n-Tetracosane (C24)	14.829	3677129	32.813 ug/ml
15) T n-Hexacosane (C26)	15.849	3661061	33.105 ug/ml
16) T n-Octacosane (C28)	16.798	3641488	33.095 ug/ml
17) T n-Tricontane (C30)	17.683	3678213	33.401 ug/ml
18) T n-Dotriacontane (C32)	18.514	3765661	33.741 ug/ml
19) T n-Tetratriacontane (C34)	19.297	3738126	33.446 ug/ml
20) T n-Hexatriacontane (C36)	20.034	3580395	32.982 ug/ml
21) T n-Octatriacontane (C38)	20.763	3591758	33.053 ug/ml
22) T n-Tetracontane (C40)	21.663	3627810	33.346 ug/ml

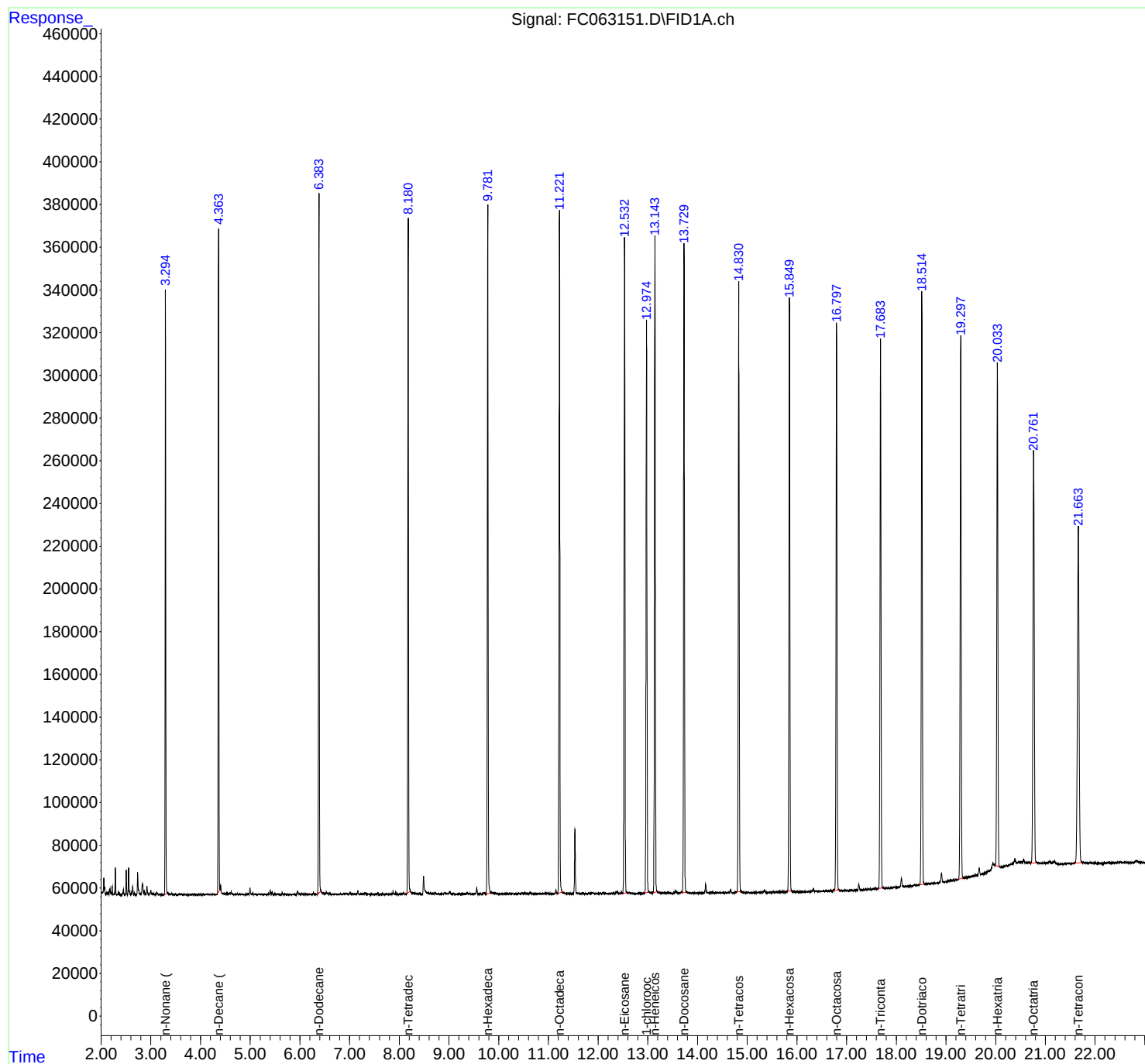
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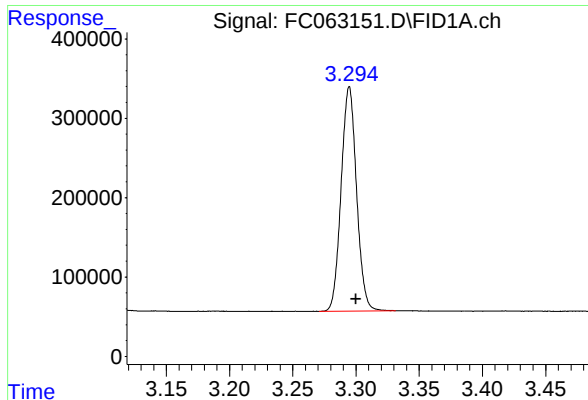
(m)=manual int.

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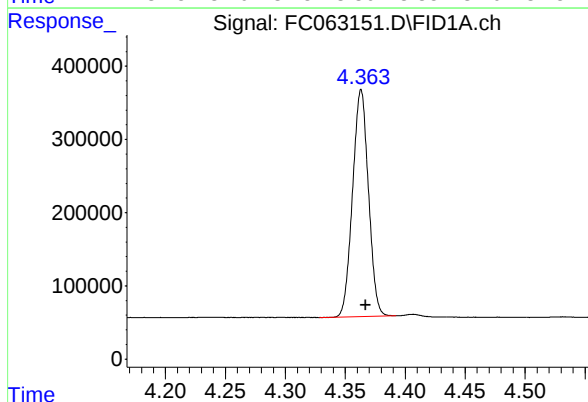
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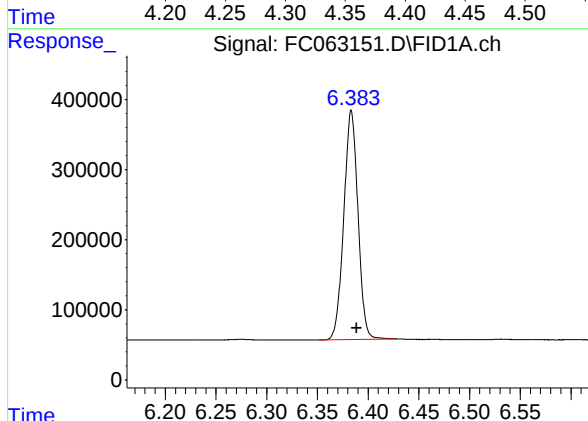
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 2399218
Conc: 20.24 ug/ml



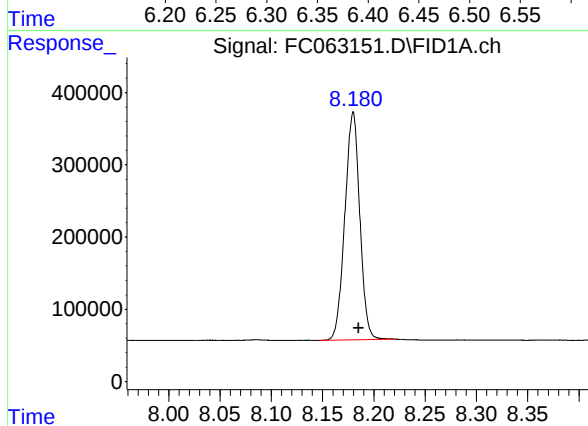
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 2851676
Conc: 24.73 ug/ml



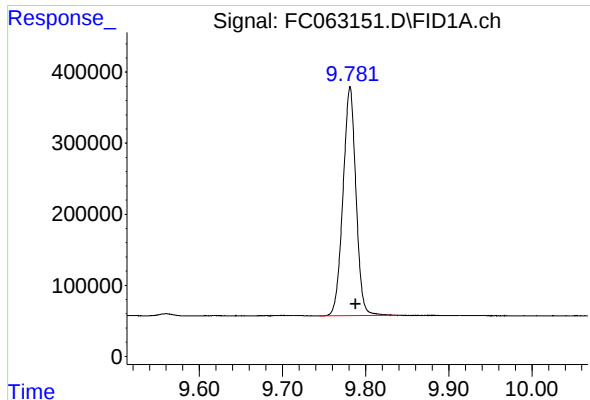
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 3174528
Conc: 27.49 ug/ml



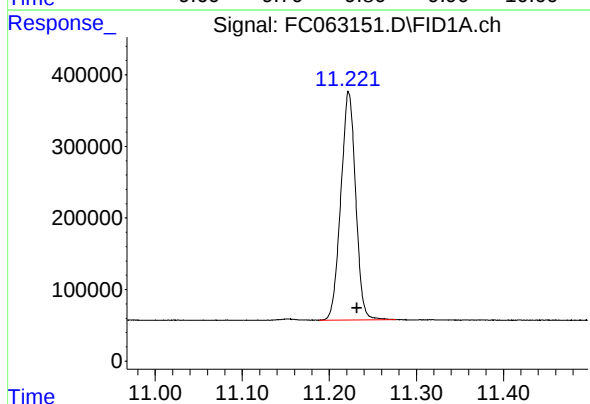
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 3195602
Conc: 28.28 ug/ml



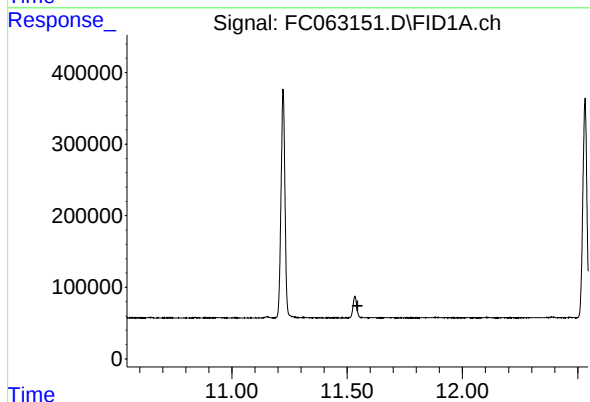
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.006 min
Response: 3489714
Conc: 30.34 ug/ml



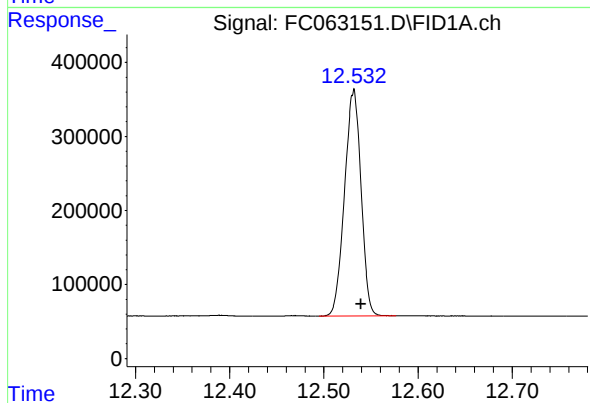
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 3767691
Conc: 32.35 ug/ml



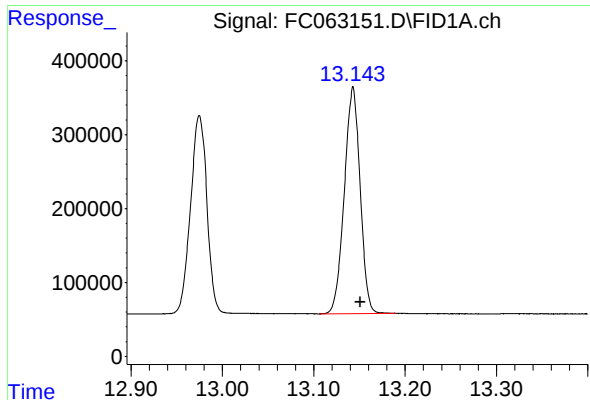
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.545 min
Response: 0
Conc: N.D.



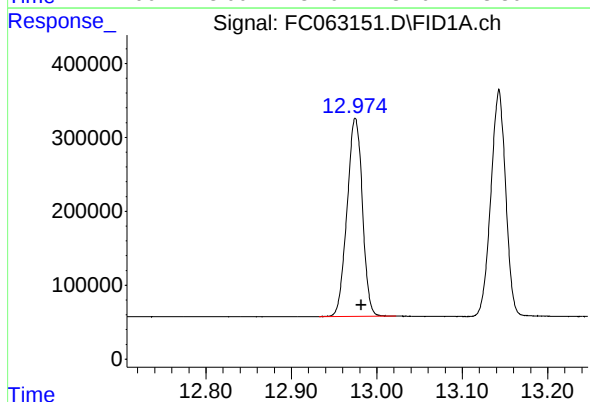
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.008 min
Response: 3718833
Conc: 32.64 ug/ml



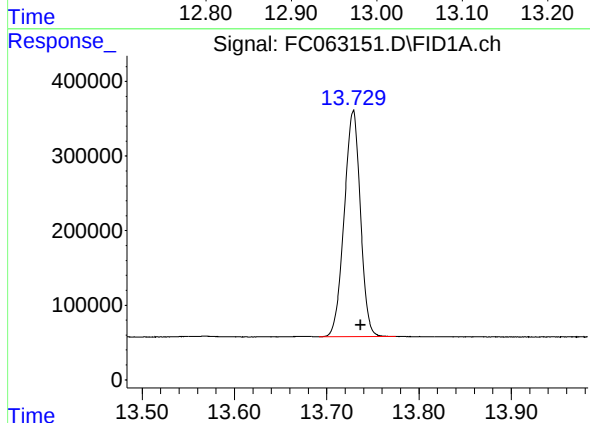
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 3690490
Conc: 32.38 ug/ml



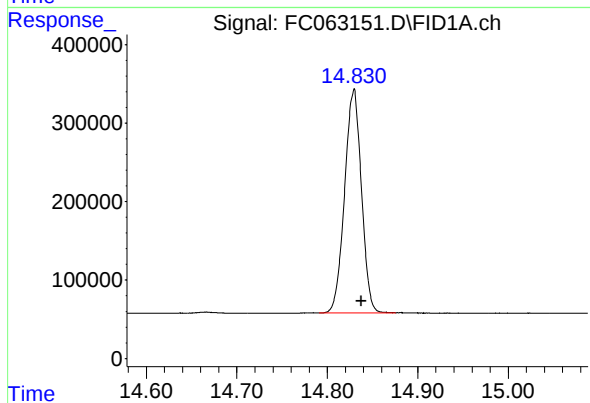
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 3342890
Conc: 34.27 ug/ml



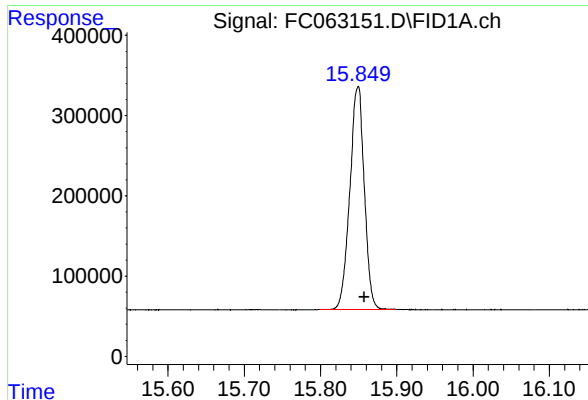
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 3701658
Conc: 32.82 ug/ml



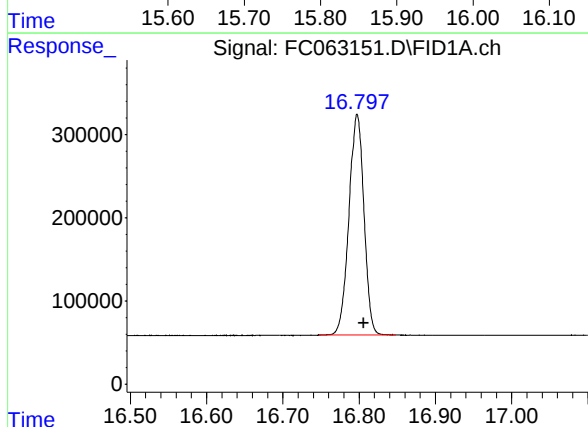
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 3677129
Conc: 32.81 ug/ml



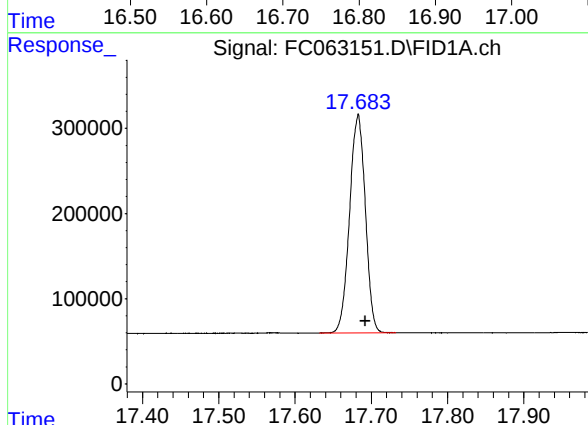
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.008 min
Response: 3661061
Conc: 33.10 ug/ml



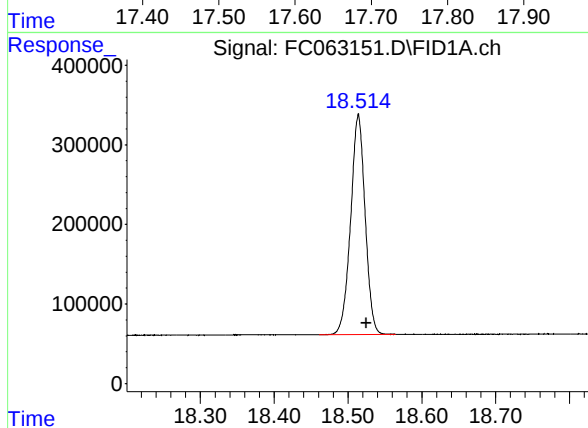
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.008 min
Response: 3641488
Conc: 33.09 ug/ml



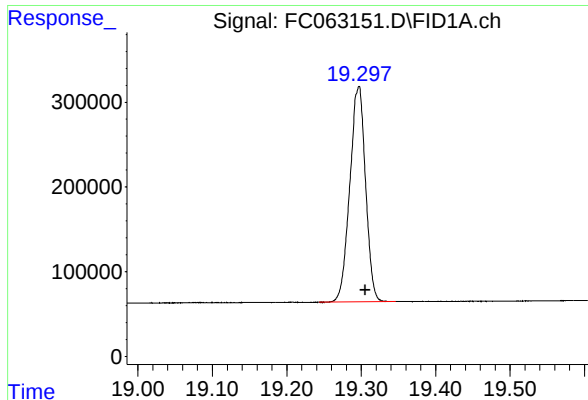
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.009 min
Response: 3678213
Conc: 33.40 ug/ml



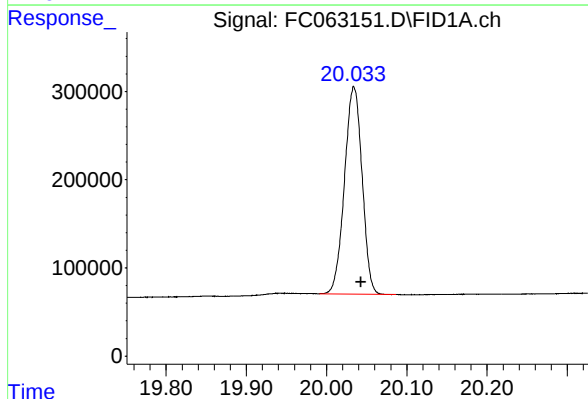
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.011 min
Response: 3765661
Conc: 33.74 ug/ml



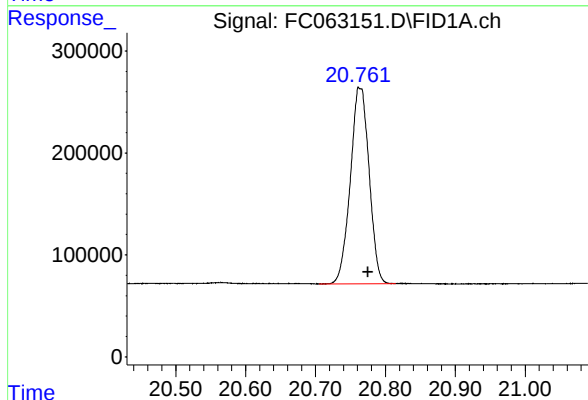
#19 n-Tetratriacontane (C34)

R.T.: 19.297 min
Delta R.T.: -0.008 min
Response: 3738126
Conc: 33.45 ug/ml



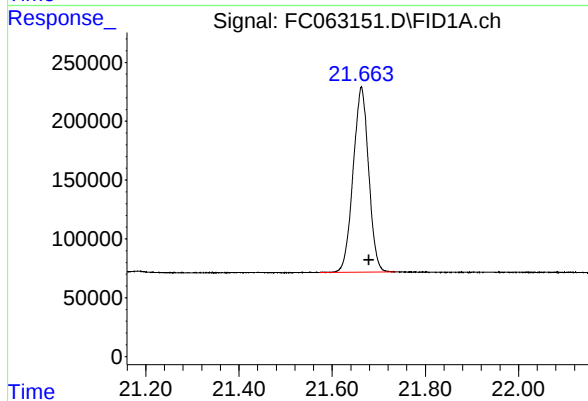
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 3580395
Conc: 32.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min
Delta R.T.: -0.013 min
Response: 3591758
Conc: 33.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: -0.016 min
Response: 3627810
Conc: 33.35 ug/ml