

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020224AL\
 Data File : FC065594.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2024 11:36
 Operator : YP/AJ
 Sample : P1187-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 03:59:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 2024
 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...	12.926	4591085	34.059 ug/ml
Spiked Amount 50.000		Recovery =	68.12%
Target Compounds			
1) T n-Nonane (C9)	3.291	197086	1.262 ug/ml
2) T n-Decane (C10)	4.353	237708	1.503 ug/ml
4) T n-Dodecane (C12)	6.364	397512	2.478 ug/ml
6) T n-Tetradecane (C14)	8.155	307069	1.958 ug/ml
7) T n-Hexadecane (C16)	9.748	301823	1.887 ug/ml
8) T n-Octadecane (C18)	11.183	384796	2.349 ug/ml
10) T n-Eicosane (C20)	12.484	414953	2.605 ug/ml
11) T n-Heneicosane (C21)	13.093	409169	2.608 ug/ml
13) T n-Docosane (C22)	13.678	411326	2.634 ug/ml
14) T n-Tetracosane (C24)	14.775	416324	2.679 ug/ml
15) T n-Hexacosane (C26)	15.790	411248	2.679 ug/ml
16) T n-Octacosane (C28)	16.735	407842	2.706 ug/ml
17) T n-Tricontane (C30)	17.618	418797	2.742 ug/ml
18) T n-Dotriacontane (C32)	18.446	422985	2.809 ug/ml
19) T n-Tetratriacontane (C34)	19.225	404236	2.815 ug/ml
20) T n-Hexatriacontane (C36)	19.961	420916	3.056 ug/ml
21) T n-Octatriacontane (C38)	20.678	464430	3.357 ug/ml
22) T n-Tetracontane (C40)	21.553	493773	3.568 ug/ml

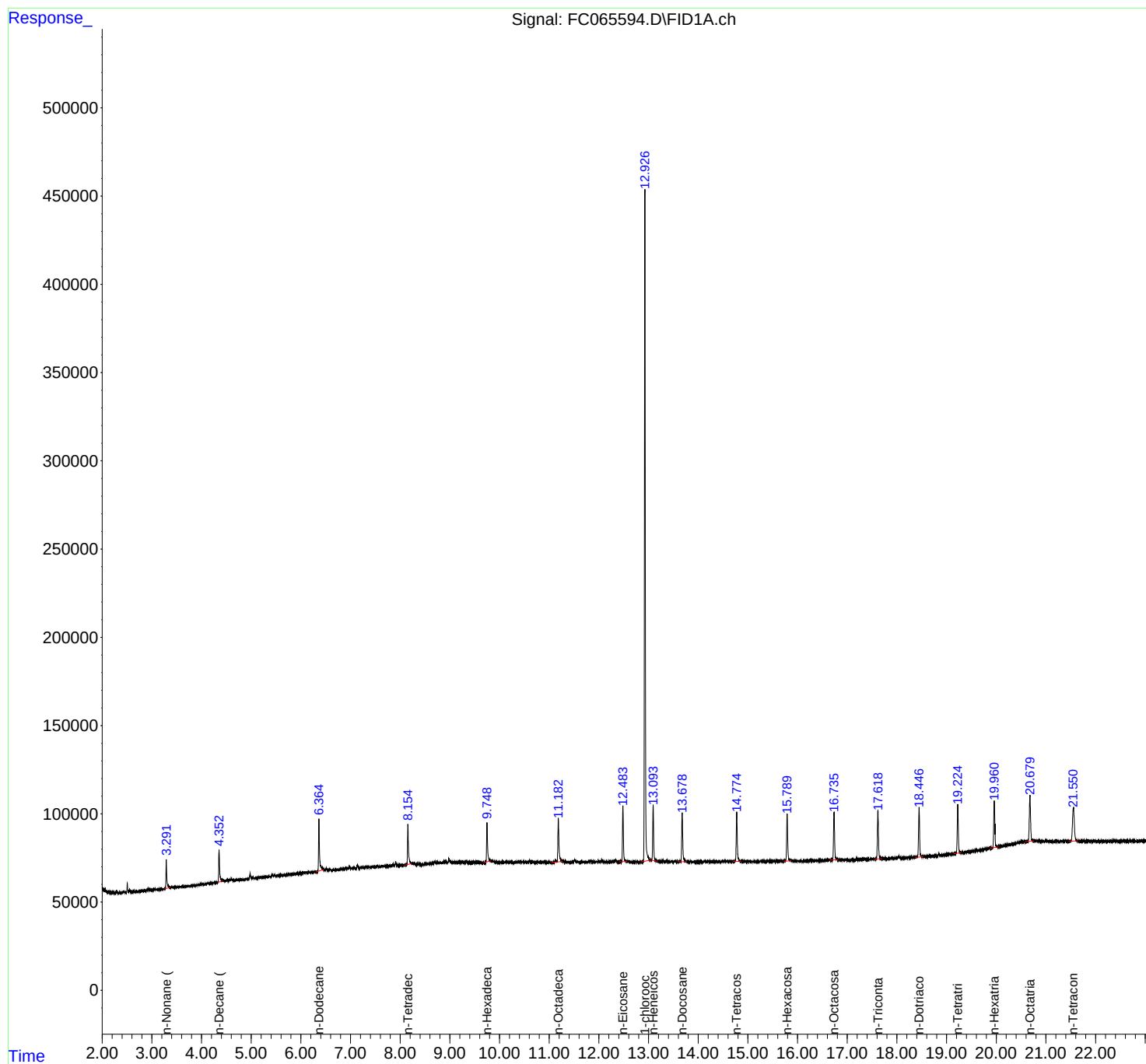
(f)=RT Delta > 1/2 Window

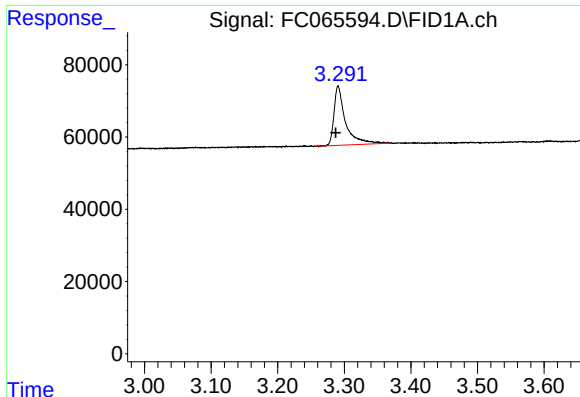
(m)=manual int.

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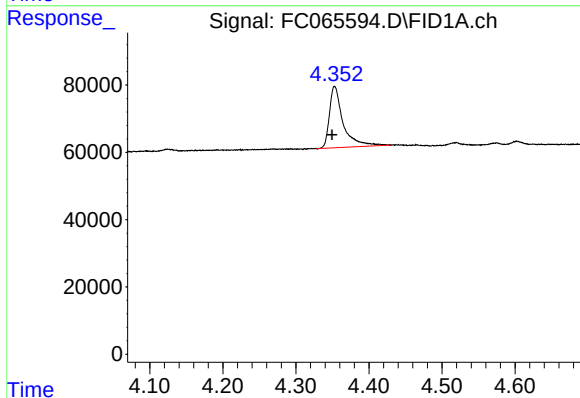
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Signal Info : 20M x 0.18mm x 0.18um





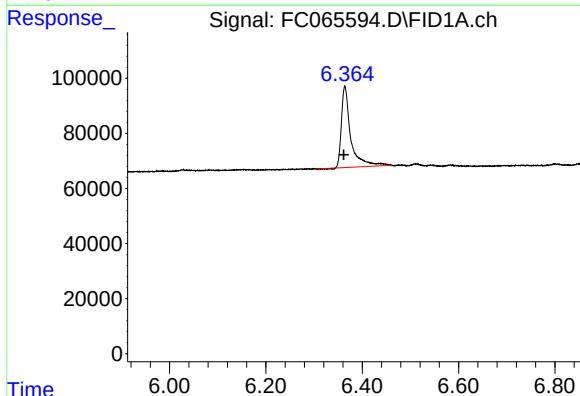
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: 0.004 min
Response: 197086
Conc: 1.26 ug/ml



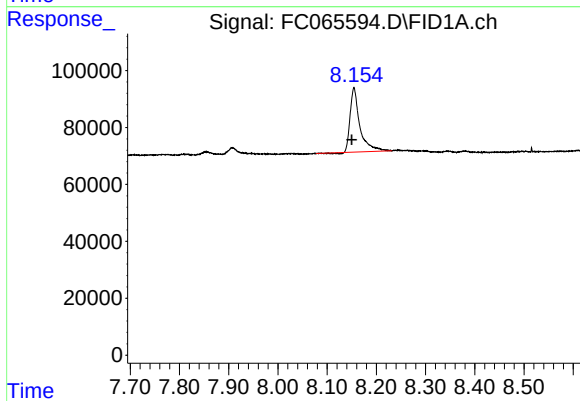
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.004 min
Response: 237708
Conc: 1.50 ug/ml



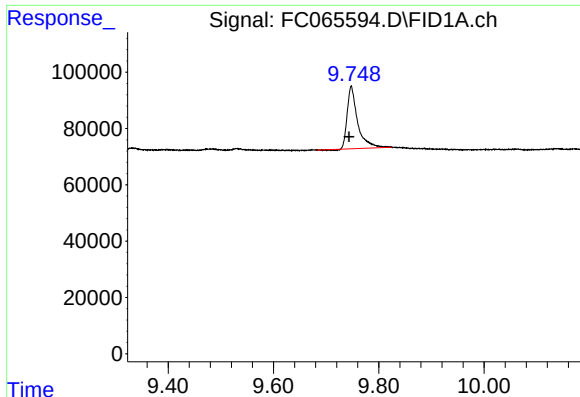
#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.003 min
Response: 397512
Conc: 2.48 ug/ml



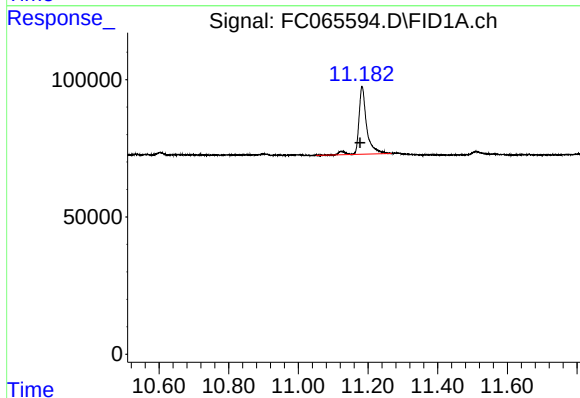
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.005 min
Response: 307069
Conc: 1.96 ug/ml



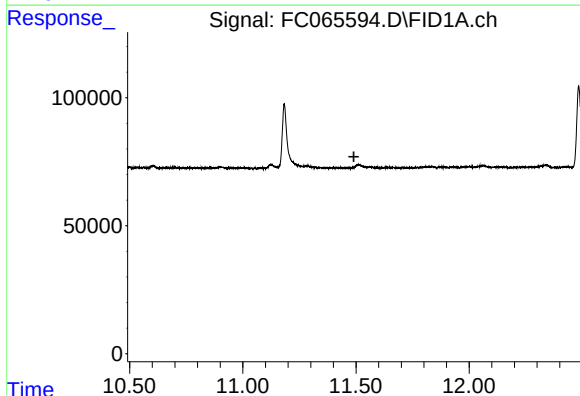
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.005 min
Response: 301823
Conc: 1.89 ug/ml



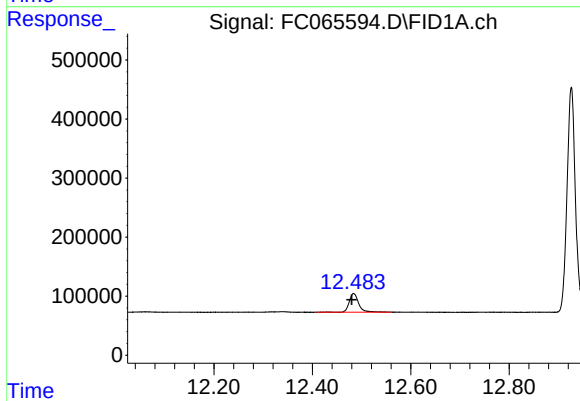
#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: 0.006 min
Response: 384796
Conc: 2.35 ug/ml



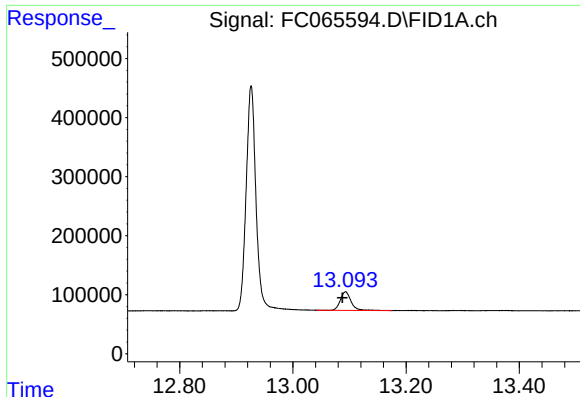
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.491 min
Response: 0
Conc: N.D.



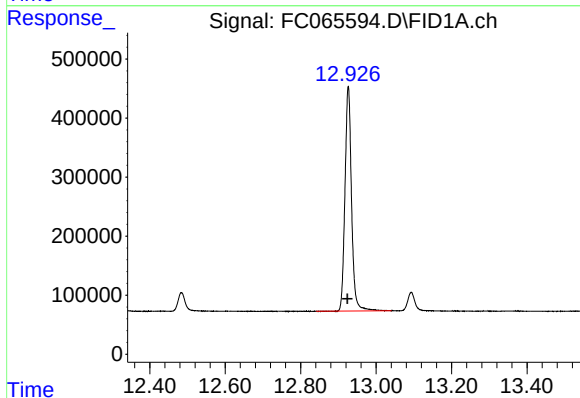
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.004 min
Response: 414953
Conc: 2.61 ug/ml



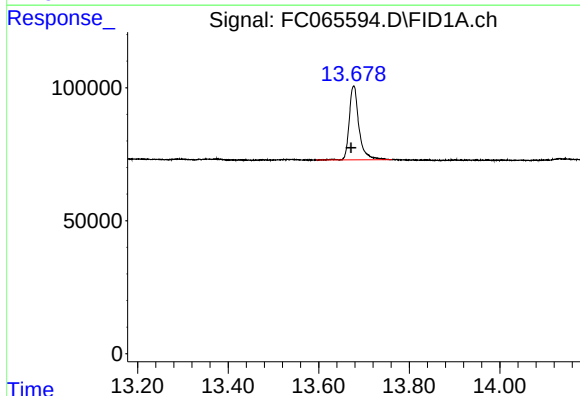
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.006 min
Response: 409169
Conc: 2.61 ug/ml



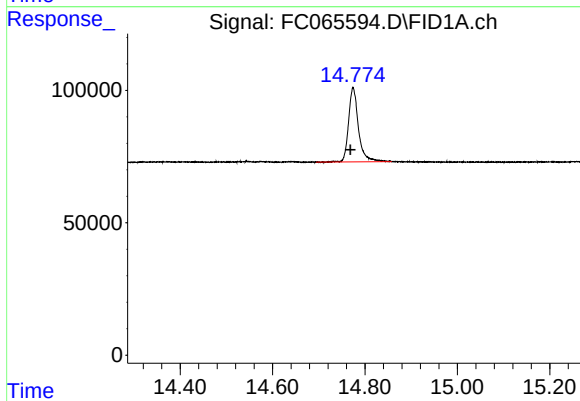
#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: 0.003 min
Response: 4591085
Conc: 34.06 ug/ml



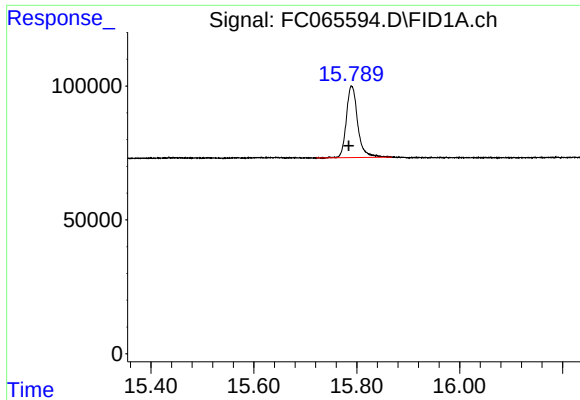
#13 n-Docosane (C22)

R.T.: 13.678 min
Delta R.T.: 0.006 min
Response: 411326
Conc: 2.63 ug/ml



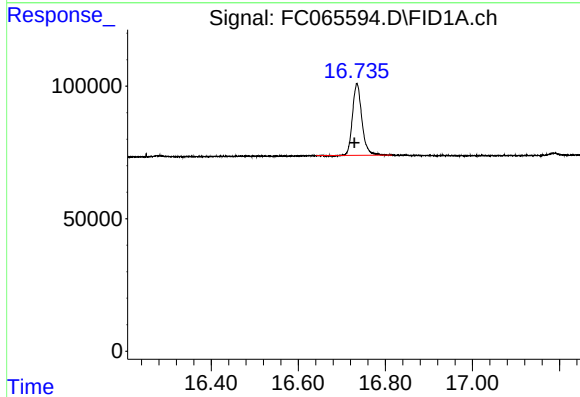
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.006 min
Response: 416324
Conc: 2.68 ug/ml



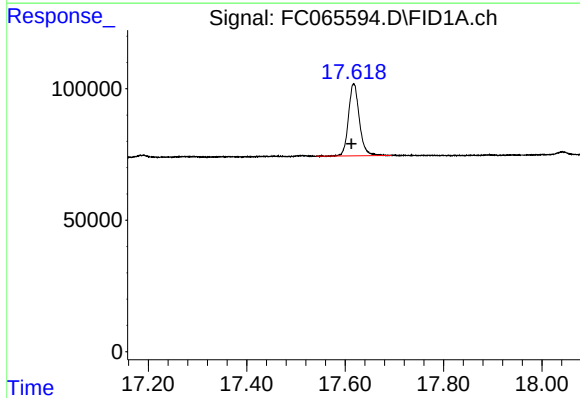
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.006 min
Response: 411248
Conc: 2.68 ug/ml



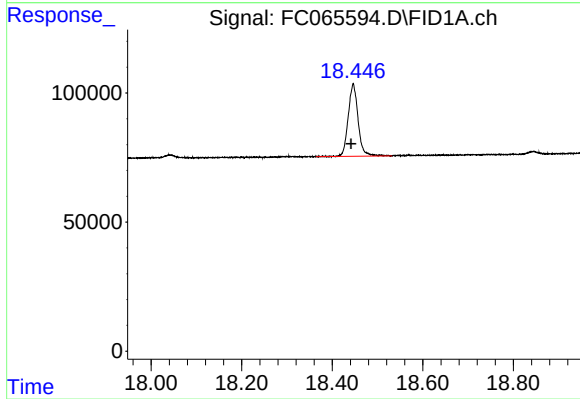
#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.006 min
Response: 407842
Conc: 2.71 ug/ml



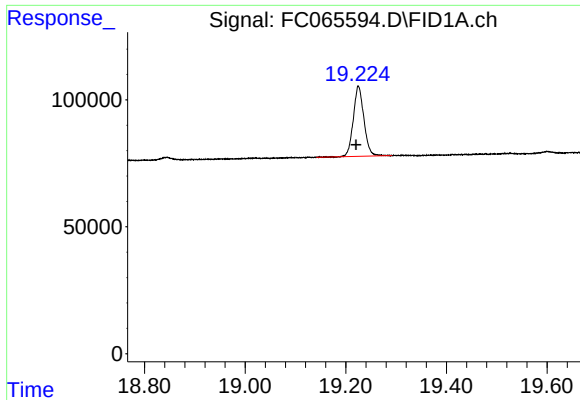
#17 n-Tricontane (C30)

R.T.: 17.618 min
Delta R.T.: 0.005 min
Response: 418797
Conc: 2.74 ug/ml



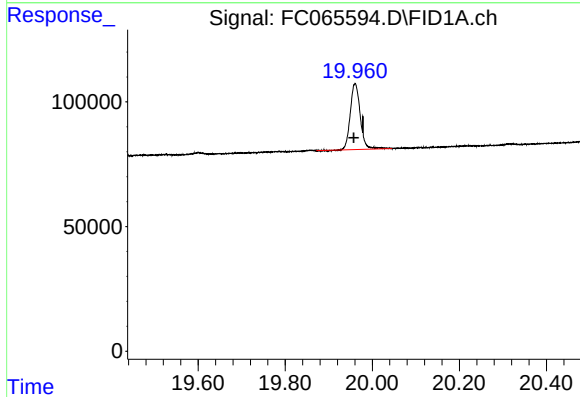
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.004 min
Response: 422985
Conc: 2.81 ug/ml



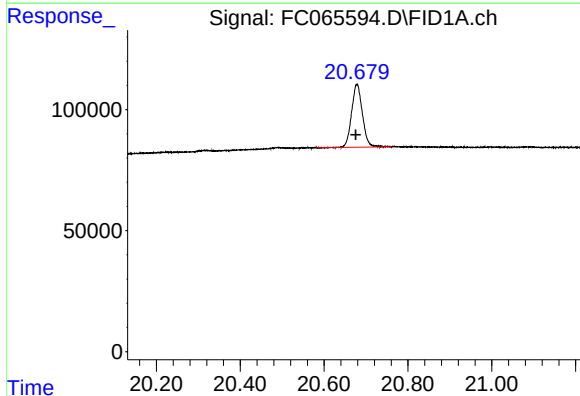
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.005 min
Response: 404236
Conc: 2.82 ug/ml



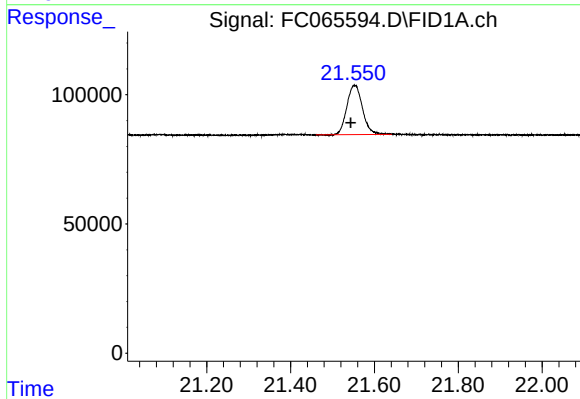
#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: 0.003 min
Response: 420916
Conc: 3.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: 0.003 min
Response: 464430
Conc: 3.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.553 min
Delta R.T.: 0.009 min
Response: 493773
Conc: 3.57 ug/ml