

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090925AL\
 Data File : FG016580.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2025 14:32
 Operator : YP\AJ
 Sample : Q2893-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 48 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 02:32:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 2025
 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...	13.511	2980585	29.611 ug/ml
Spiked Amount 50.000		Recovery =	59.22%
Target Compounds			
1) T n-Nonane (C9)	3.384	289572	2.560 ug/ml
2) T n-Decane (C10)	4.646	350679	3.046 ug/ml
4) T n-Dodecane (C12)	6.828	386964	3.336 ug/ml
6) T n-Tetradecane (C14)	8.668	422520	3.662 ug/ml
7) T n-Hexadecane (C16)	10.287	422418	3.539 ug/ml
8) T n-Octadecane (C18)	11.741	462305	3.826 ug/ml
10) T n-Eicosane (C20)	13.060	499564	4.282 ug/ml
11) T n-Heneicosane (C21)	13.677	465699	4.052 ug/ml
13) T n-Docosane (C22)	14.268	477888	4.183 ug/ml
14) T n-Tetracosane (C24)	15.379	478285	4.205 ug/mlm
15) T n-Hexacosane (C26)	16.408	458449	4.129 ug/mlm
16) T n-Octacosane (C28)	17.363	456032	4.218 ug/ml
17) T n-Tricontane (C30)	18.258	491852	4.503 ug/ml
18) T n-Dotriacontane (C32)	19.095	510247	4.853 ug/ml
19) T n-Tetratriacontane (C34)	19.884	488652	5.089 ug/ml
20) T n-Hexatriacontane (C36)	20.628	441118	5.275 ug/ml
21) T n-Octatriacontane (C38)	21.412	417824	5.426 ug/ml
22) T n-Tetracontane (C40)	22.407	402747	5.421 ug/ml

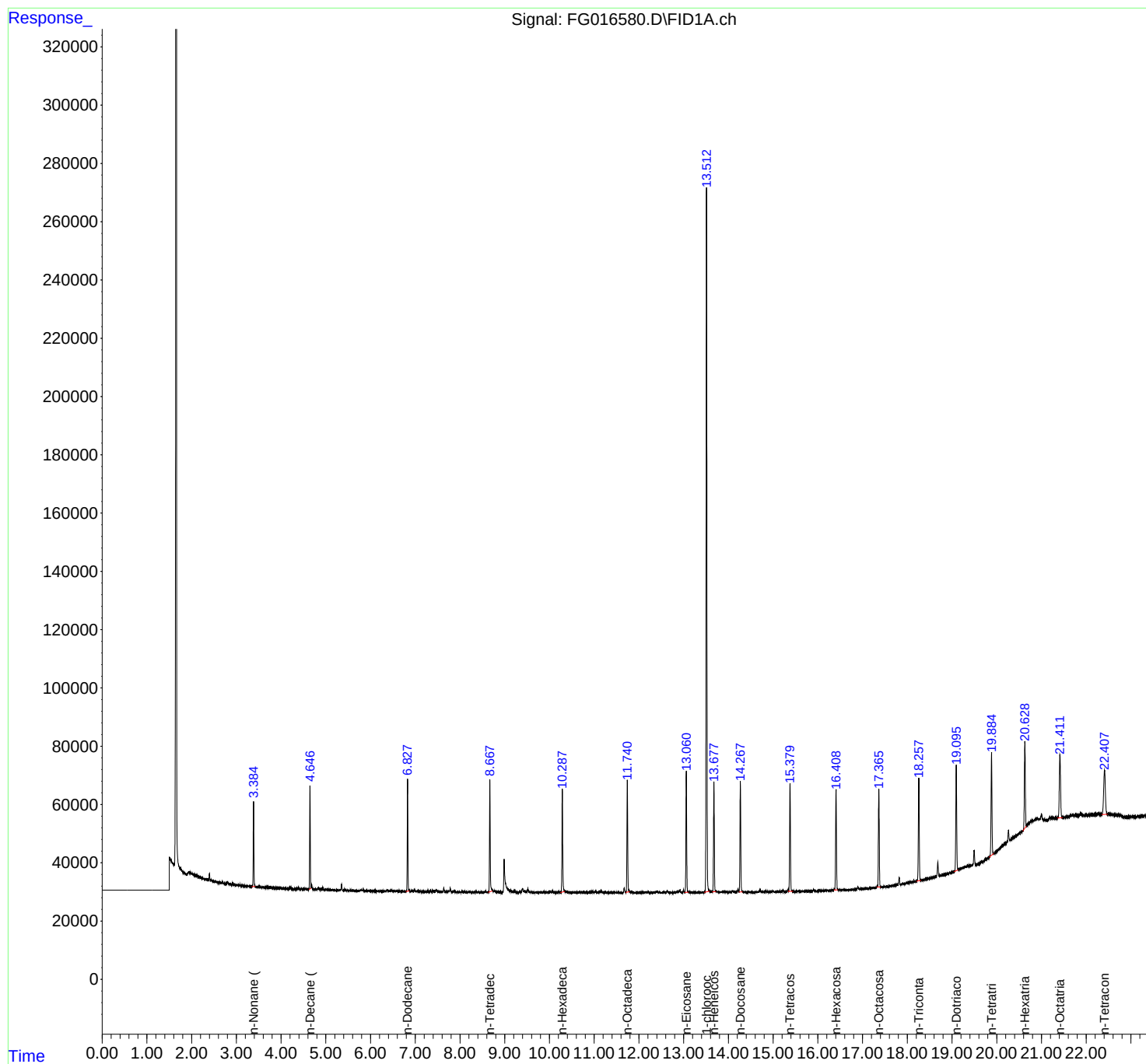
(f)=RT Delta > 1/2 Window

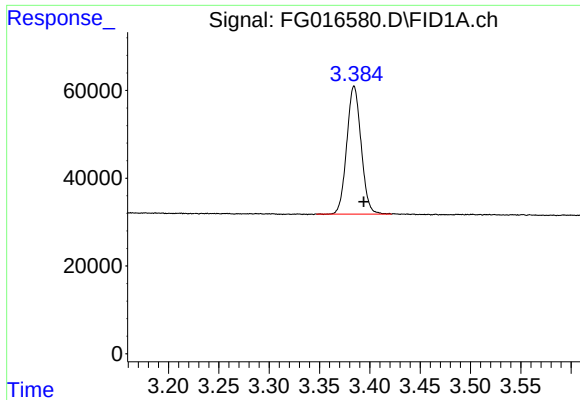
(m)=manual int.

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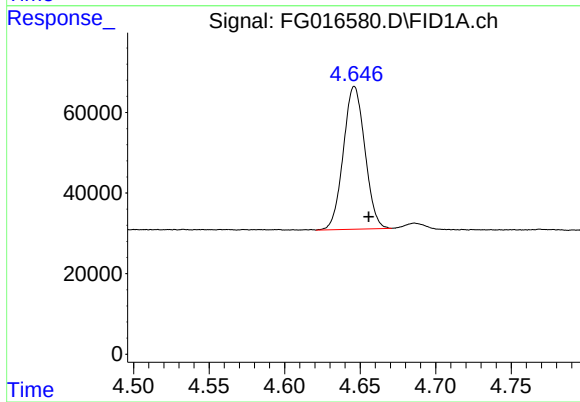
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Signal Info : 20M x 0.18mm x 0.18um





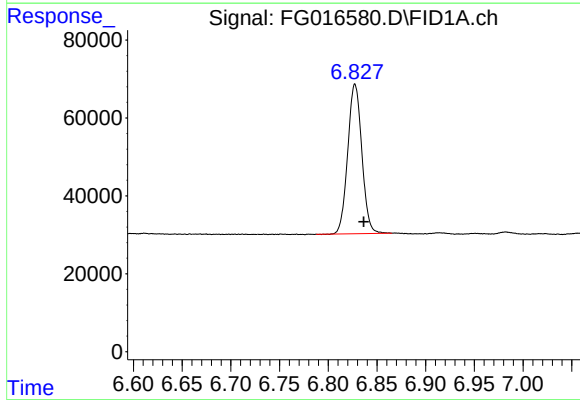
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.010 min
Response: 289572
Conc: 2.56 ug/ml



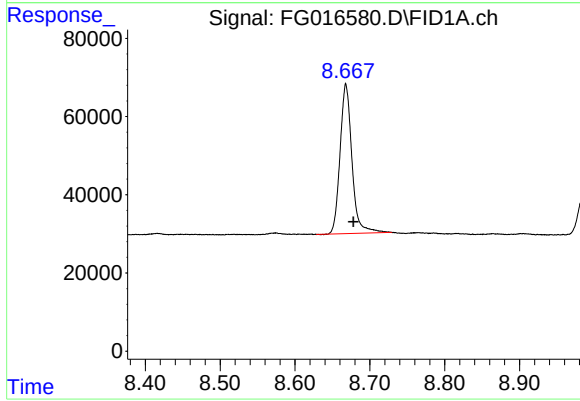
#2 n-Decane (C10)

R.T.: 4.646 min
Delta R.T.: -0.009 min
Response: 350679
Conc: 3.05 ug/ml



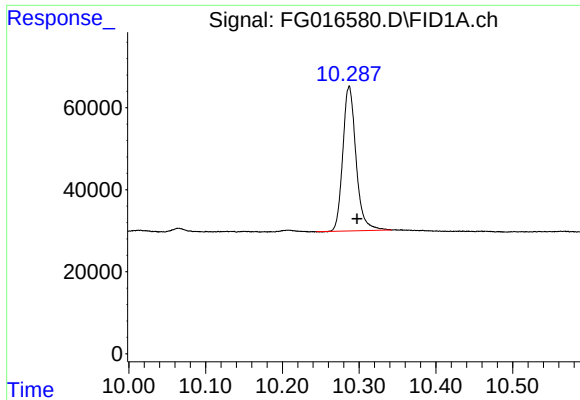
#4 n-Dodecane (C12)

R.T.: 6.828 min
Delta R.T.: -0.009 min
Response: 386964
Conc: 3.34 ug/ml



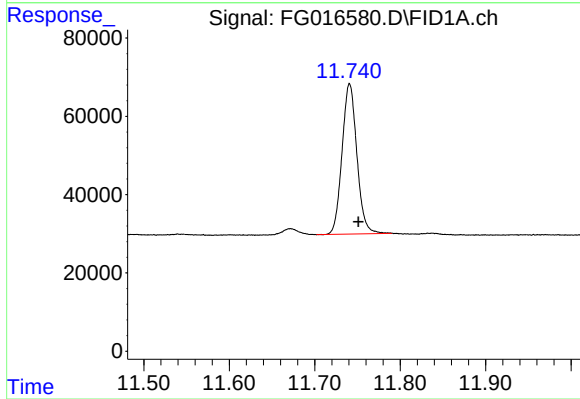
#6 n-Tetradecane (C14)

R.T.: 8.668 min
Delta R.T.: -0.010 min
Response: 422520
Conc: 3.66 ug/ml



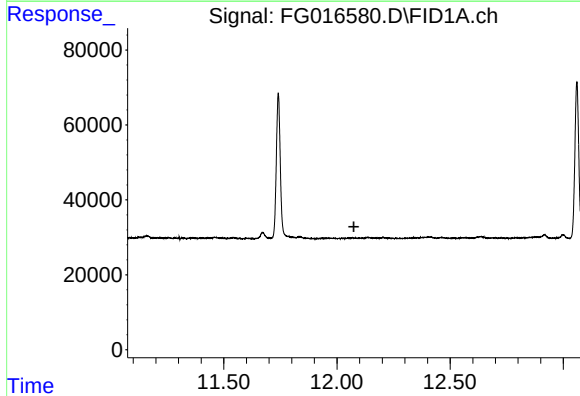
#7 n-Hexadecane (C16)

R.T.: 10.287 min
Delta R.T.: -0.010 min
Response: 422418
Conc: 3.54 ug/ml



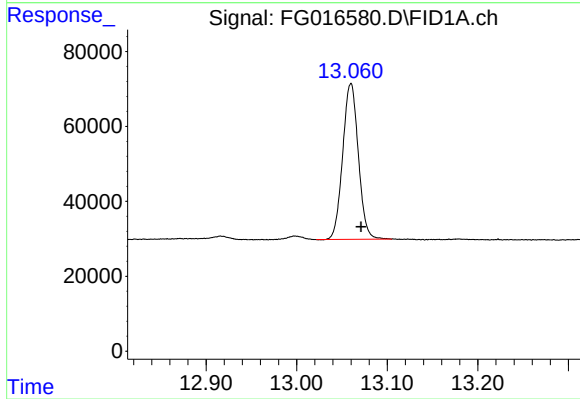
#8 n-Octadecane (C18)

R.T.: 11.741 min
Delta R.T.: -0.010 min
Response: 462305
Conc: 3.83 ug/ml



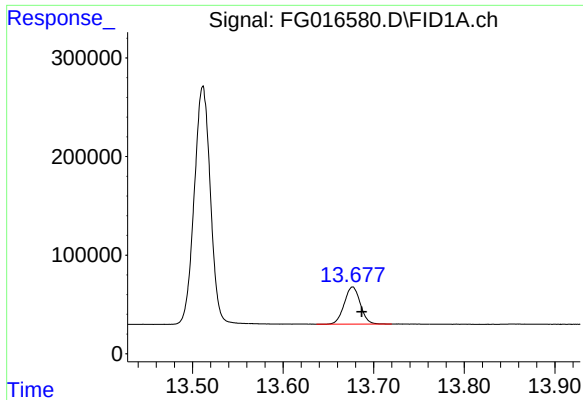
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.075 min
Response: 0
Conc: N.D.



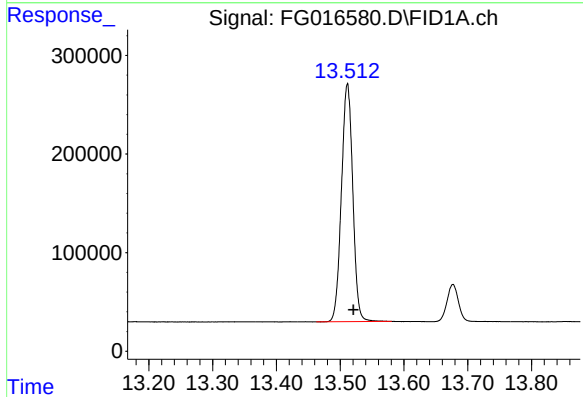
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: -0.011 min
Response: 499564
Conc: 4.28 ug/ml



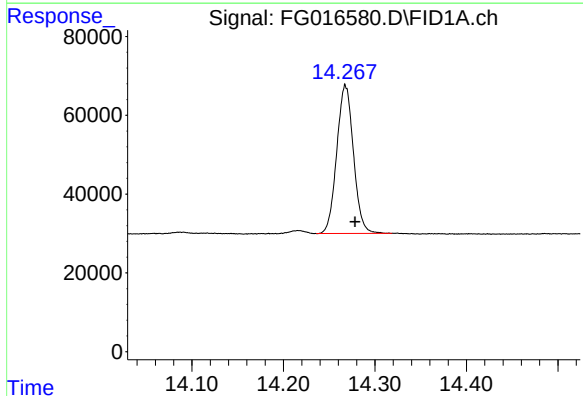
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: -0.010 min
Response: 465699
Conc: 4.05 ug/ml



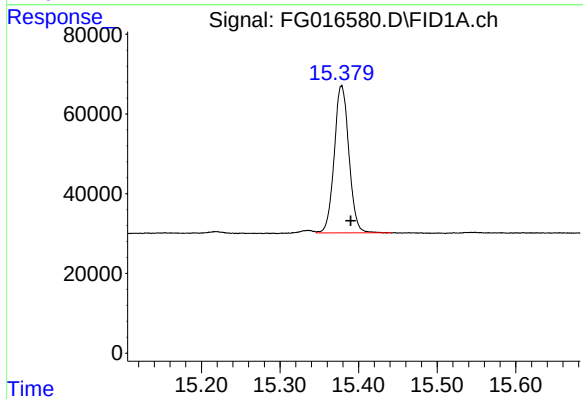
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.009 min
Response: 2980585
Conc: 29.61 ug/ml



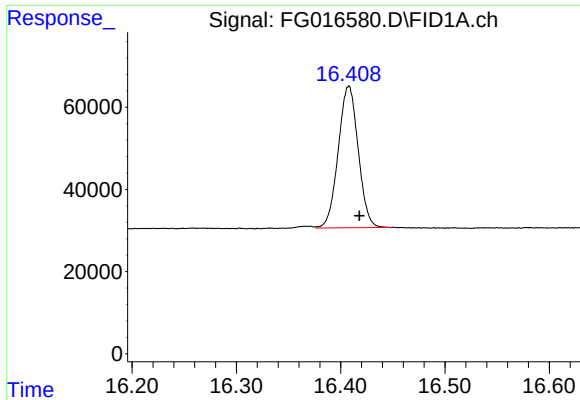
#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: -0.011 min
Response: 477888
Conc: 4.18 ug/ml



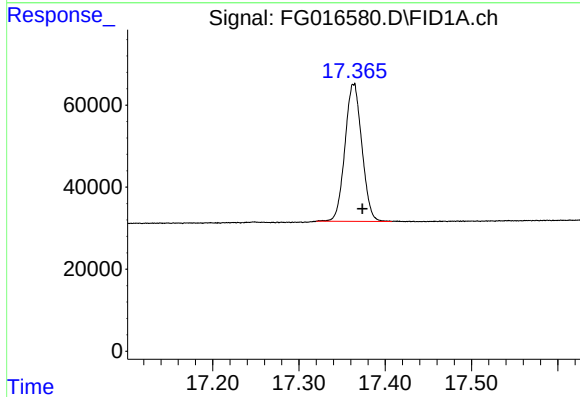
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.011 min
Response: 478285
Conc: 4.20 ug/ml m



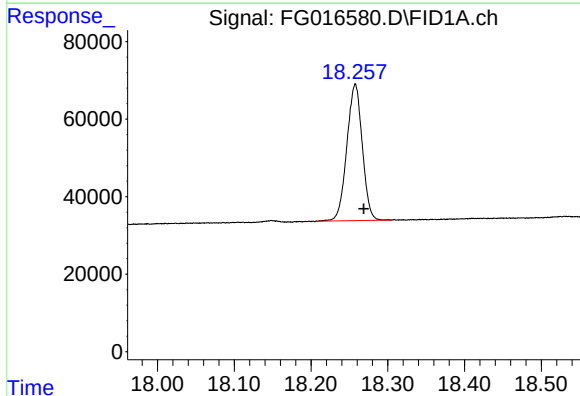
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: -0.010 min
Response: 458449
Conc: 4.13 ug/ml m



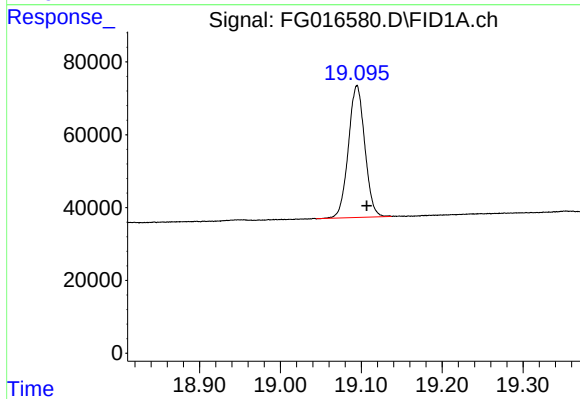
#16 n-Octacosane (C28)

R.T.: 17.363 min
Delta R.T.: -0.010 min
Response: 456032
Conc: 4.22 ug/ml



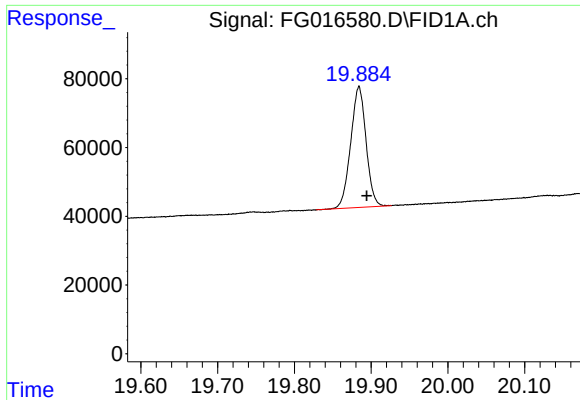
#17 n-Tricontane (C30)

R.T.: 18.258 min
Delta R.T.: -0.011 min
Response: 491852
Conc: 4.50 ug/ml



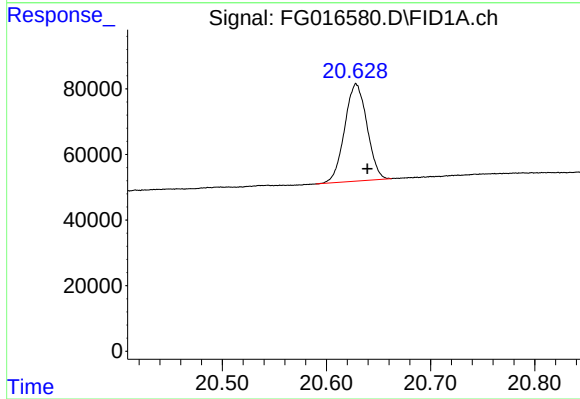
#18 n-Dotriacontane (C32)

R.T.: 19.095 min
Delta R.T.: -0.012 min
Response: 510247
Conc: 4.85 ug/ml



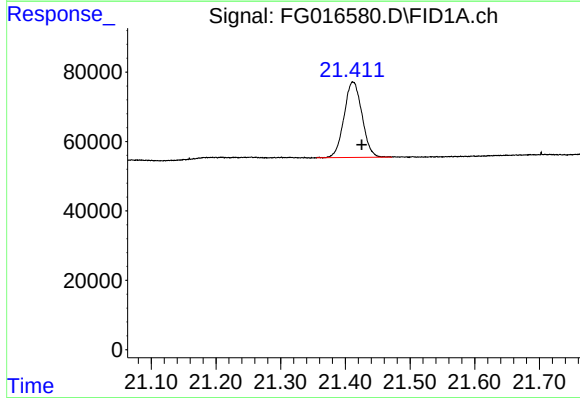
#19 n-Tetratriacontane (C34)

R.T.: 19.884 min
Delta R.T.: -0.010 min
Response: 488652
Conc: 5.09 ug/ml



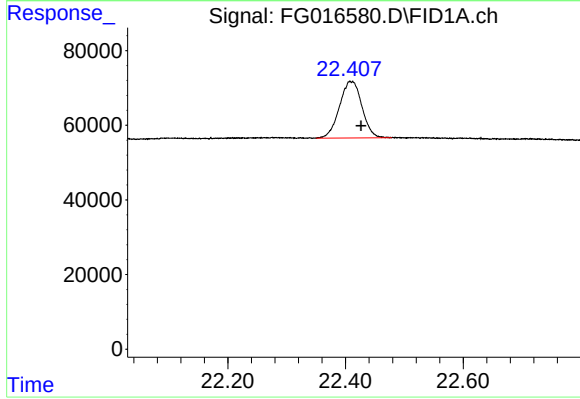
#20 n-Hexatriacontane (C36)

R.T.: 20.628 min
Delta R.T.: -0.011 min
Response: 441118
Conc: 5.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.412 min
Delta R.T.: -0.014 min
Response: 417824
Conc: 5.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.407 min
Delta R.T.: -0.019 min
Response: 402747
Conc: 5.42 ug/ml