

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046598.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 02:34
 Operator : YP\AJ
 Sample : P1187-02
 Misc : ALIPHATIC LOQ 5 PPM
 ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 02:25:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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...	13.258	4568964	32.114 ug/ml
Spiked Amount 50.000		Recovery =	64.23%
Target Compounds			
1) T n-Nonane (C9)	3.202	466498	2.888 ug/ml
2) T n-Decane (C10)	4.453	600180	3.662 ug/ml
4) T n-Dodecane (C12)	6.620	789949	4.776 ug/ml
6) T n-Tetradecane (C14)	8.447	711104	4.339 ug/ml
7) T n-Hexadecane (C16)	10.056	752152	4.402 ug/ml
8) T n-Octadecane (C18)	11.500	803622	4.610 ug/ml
10) T n-Eicosane (C20)	12.810	841788	4.958 ug/ml
11) T n-Heneicosane (C21)	13.421	815333	4.888 ug/ml
13) T n-Docosane (C22)	14.009	810935	4.895 ug/ml
14) T n-Tetracosane (C24)	15.114	803071	4.867 ug/ml
15) T n-Hexacosane (C26)	16.136	792221	4.908 ug/ml
16) T n-Octacosane (C28)	17.087	789720	5.031 ug/ml
17) T n-Tricontane (C30)	17.976	800097	5.108 ug/ml
18) T n-Dotriacontane (C32)	18.811	795067	5.260 ug/ml
19) T n-Tetratriacontane (C34)	19.597	771798	5.442 ug/ml
20) T n-Hexatriacontane (C36)	20.338	750550	5.445 ug/ml
21) T n-Octatriacontane (C38)	21.066	844655	6.589 ug/ml
22) T n-Tetracontane (C40)	21.953	708210	5.664 ug/ml

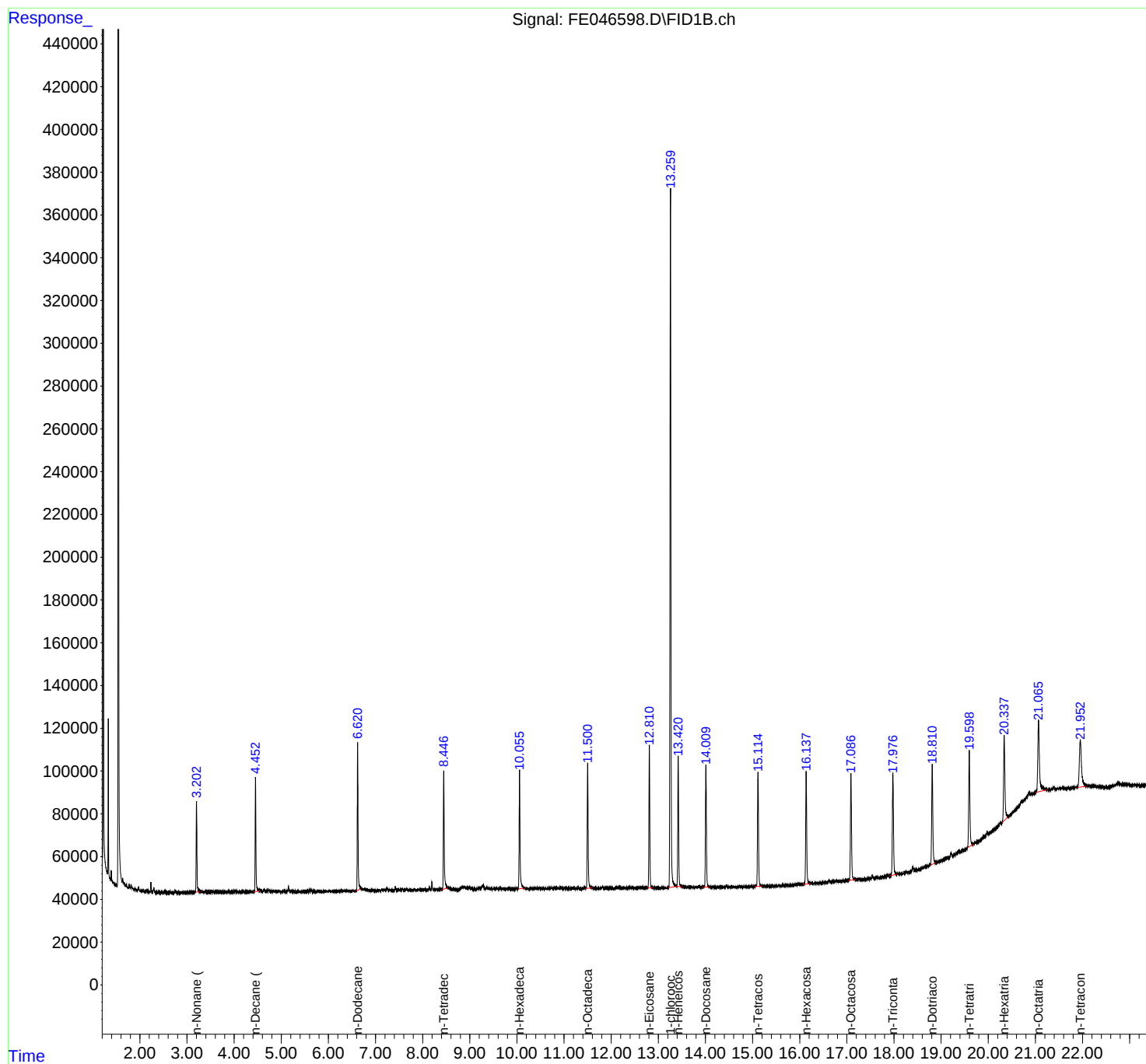
(f)=RT Delta > 1/2 Window

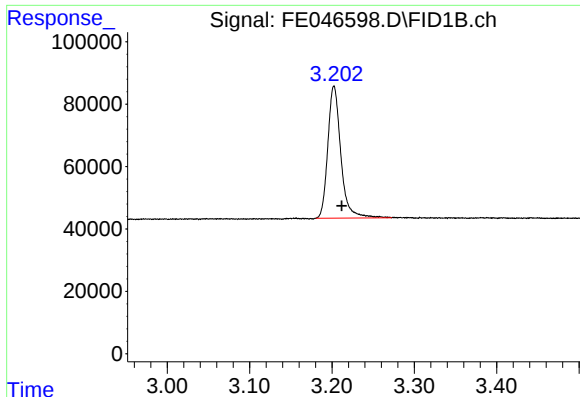
(m)=manual int.

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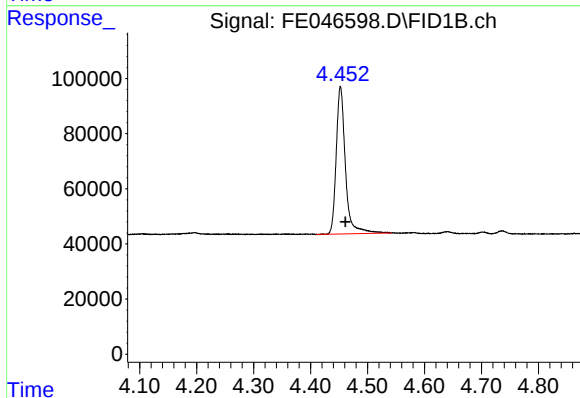
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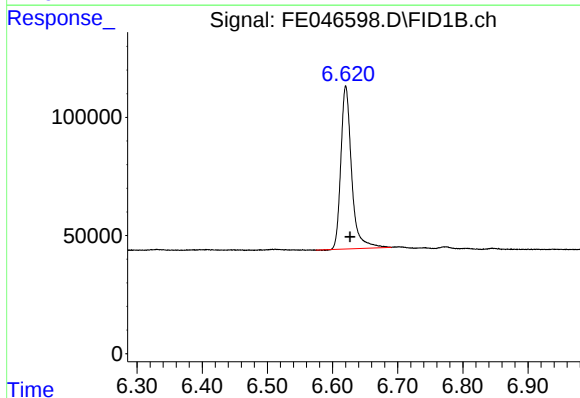
#1 n-Nonane (C9)

R.T.: 3.202 min
Delta R.T.: -0.010 min
Response: 466498
Conc: 2.89 ug/ml



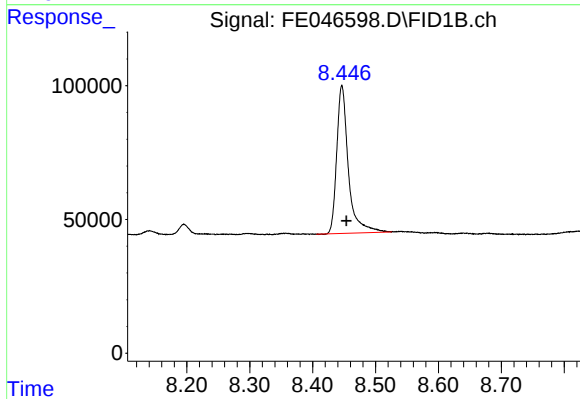
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.008 min
Response: 600180
Conc: 3.66 ug/ml



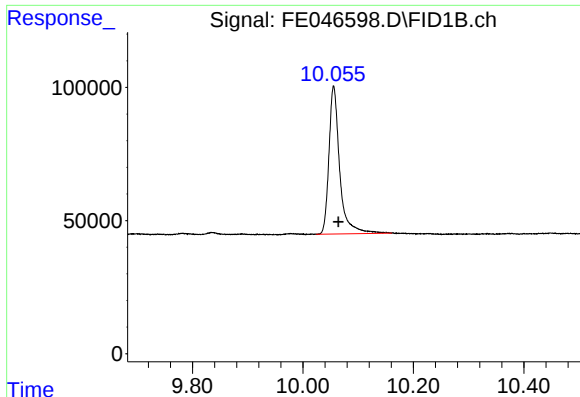
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: -0.006 min
Response: 789949
Conc: 4.78 ug/ml



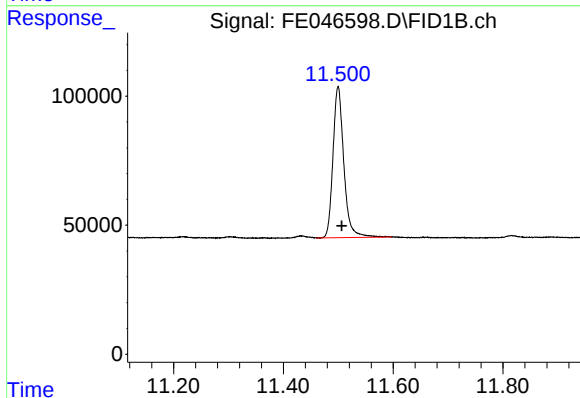
#6 n-Tetradecane (C14)

R.T.: 8.447 min
Delta R.T.: -0.007 min
Response: 711104
Conc: 4.34 ug/ml



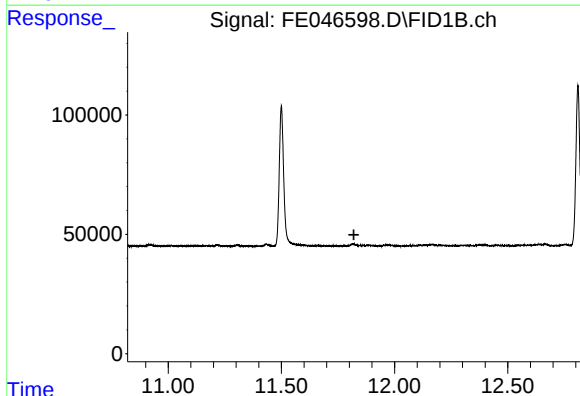
#7 n-Hexadecane (C16)

R.T.: 10.056 min
Delta R.T.: -0.008 min
Response: 752152
Conc: 4.40 ug/ml



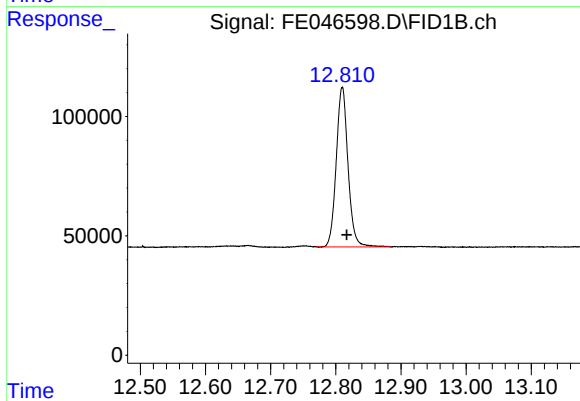
#8 n-Octadecane (C18)

R.T.: 11.500 min
Delta R.T.: -0.007 min
Response: 803622
Conc: 4.61 ug/ml



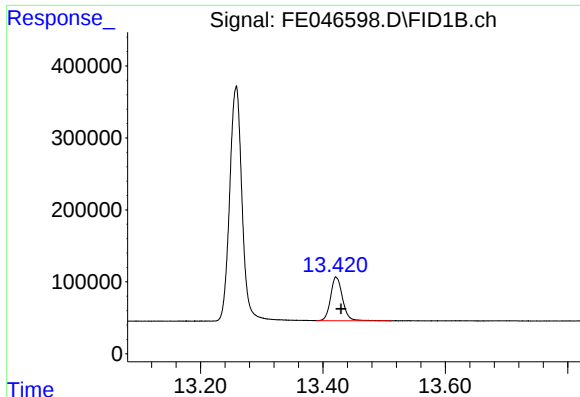
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.820 min
Response: 0
Conc: N.D.



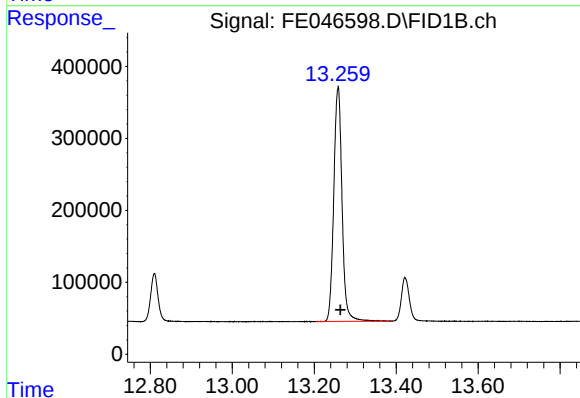
#10 n-Eicosane (C20)

R.T.: 12.810 min
Delta R.T.: -0.007 min
Response: 841788
Conc: 4.96 ug/ml



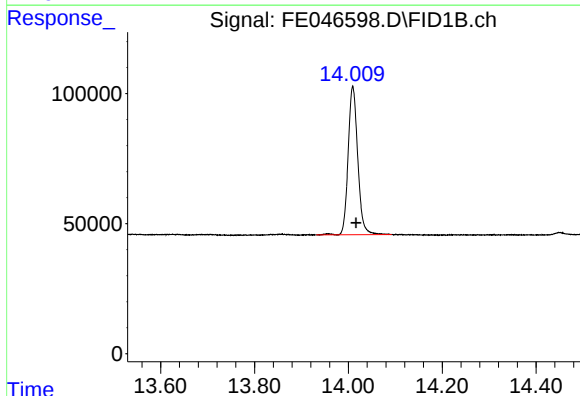
#11 n-Heneicosane (C21)

R.T.: 13.421 min
Delta R.T.: -0.008 min
Response: 815333
Conc: 4.89 ug/ml



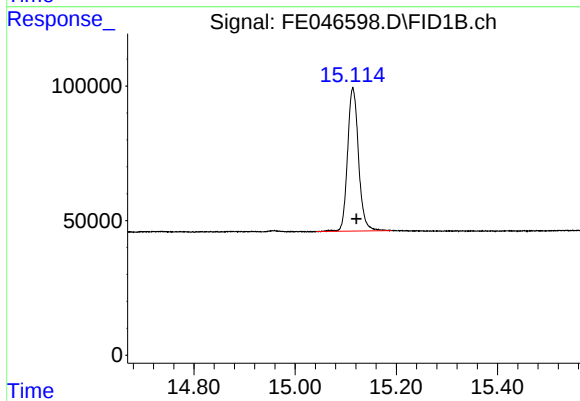
#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.005 min
Response: 4568964
Conc: 32.11 ug/ml



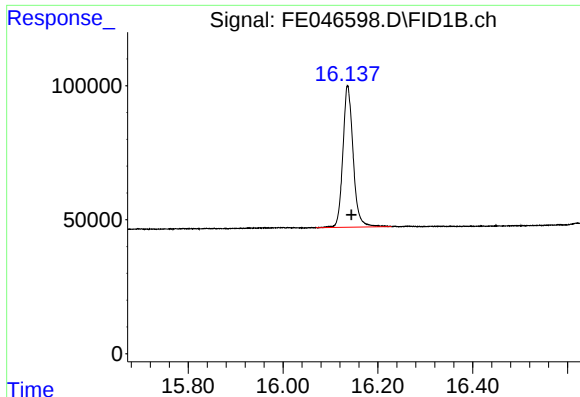
#13 n-Docosane (C22)

R.T.: 14.009 min
Delta R.T.: -0.007 min
Response: 810935
Conc: 4.89 ug/ml



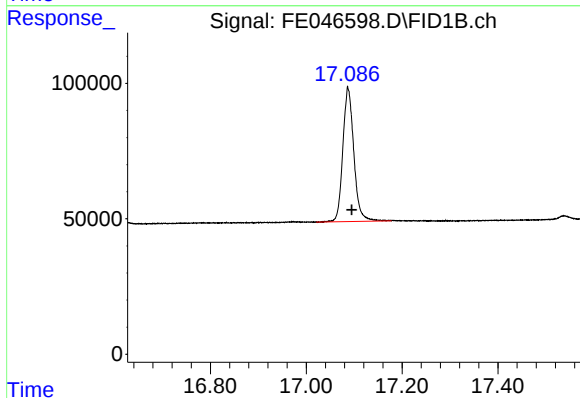
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.007 min
Response: 803071
Conc: 4.87 ug/ml



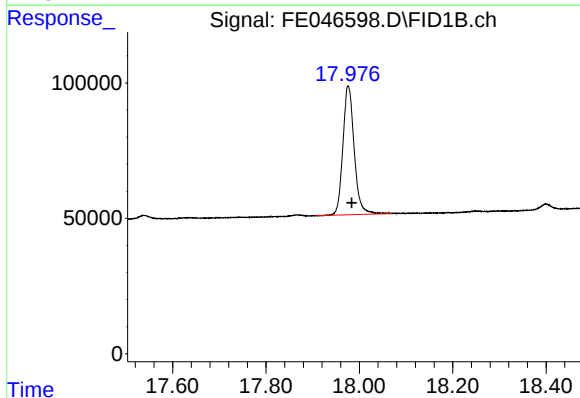
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 792221
Conc: 4.91 ug/ml



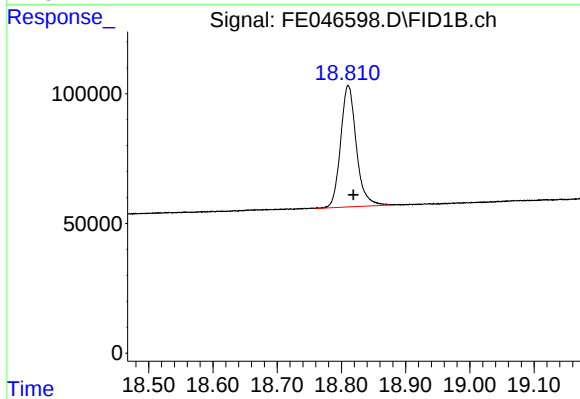
#16 n-Octacosane (C28)

R.T.: 17.087 min
Delta R.T.: -0.008 min
Response: 789720
Conc: 5.03 ug/ml



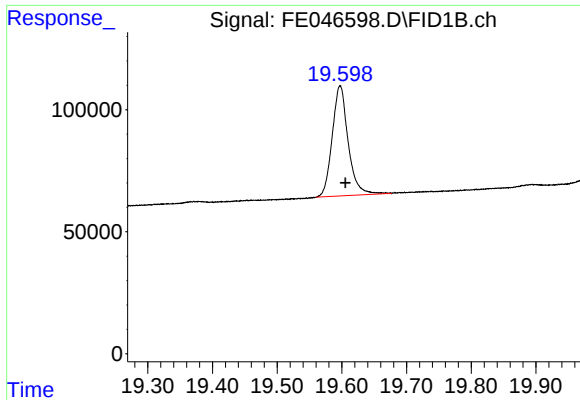
#17 n-Tricontane (C30)

R.T.: 17.976 min
Delta R.T.: -0.008 min
Response: 800097
Conc: 5.11 ug/ml



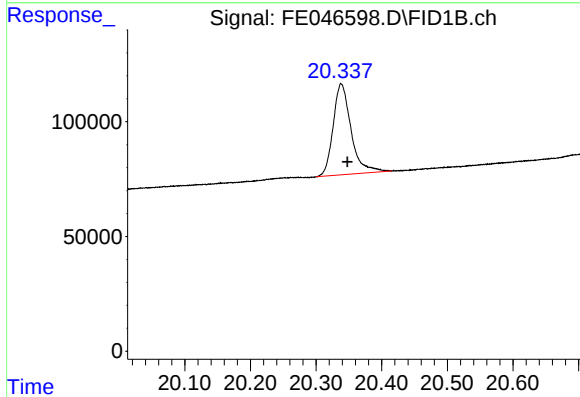
#18 n-Dotriacontane (C32)

R.T.: 18.811 min
Delta R.T.: -0.008 min
Response: 795067
Conc: 5.26 ug/ml



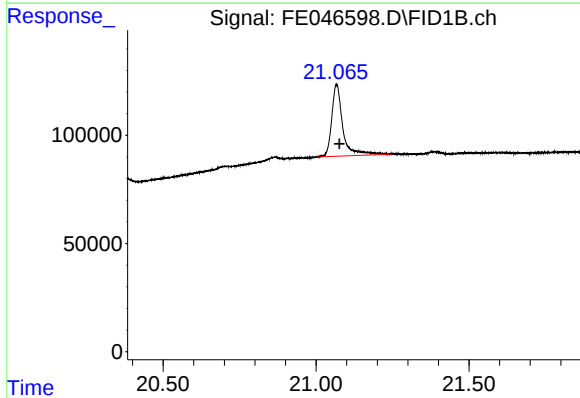
#19 n-Tetratriacontane (C34)

R.T.: 19.597 min
Delta R.T.: -0.008 min
Response: 771798
Conc: 5.44 ug/ml



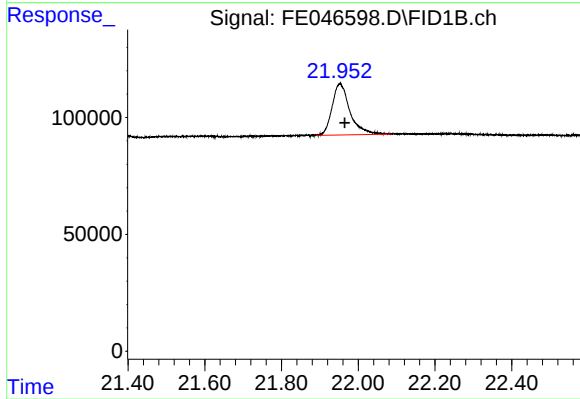
#20 n-Hexatriacontane (C36)

R.T.: 20.338 min
Delta R.T.: -0.009 min
Response: 750550
Conc: 5.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.066 min
Delta R.T.: -0.010 min
Response: 844655
Conc: 6.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.012 min
Response: 708210
Conc: 5.66 ug/ml