

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050224AL\
 Data File : FE047923.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2024 06:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 03 01:24:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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			
9) S ortho-Terphenyl (SURR)	11.973	2945938	20.420 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	13.407	2277329	20.380 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	3.352	2605393	20.216 ug/ml
2) T n-Decane (C10)	4.605	2691422	20.443 ug/ml
3) T A~Naphthalene (C11.7)	6.314	2837844	20.552 ug/ml
4) T n-Dodecane (C12)	6.771	2722112	20.419 ug/ml
5) T A~2-methylnaphthalene...	7.409	2724692	20.475 ug/ml
6) T n-Tetradecane (C14)	8.600	2697808	20.357 ug/ml
7) T n-Hexadecane (C16)	10.207	2801820	20.372 ug/ml
8) T n-Octadecane (C18)	11.651	2845286	20.426 ug/ml
10) T n-Eicosane (C20)	12.961	2766298	20.545 ug/ml
11) T n-Heneicosane (C21)	13.573	2703285	20.421 ug/ml
13) T n-Docosane (C22)	14.159	2757587	20.809 ug/ml
14) T n-Tetracosane (C24)	15.262	2877250	21.609 ug/ml
15) T n-Hexacosane (C26)	16.282	2957075	22.160 ug/ml
16) T n-Octacosane (C28)	17.232	3051091	22.915 ug/ml
17) T n-Tricontane (C30)	18.119	3217167	23.310 ug/ml
18) T n-Dotriacontane (C32)	18.952	3172351	22.967 ug/ml
19) T n-Tetratriacontane (C34)	19.734	3012366	22.114 ug/ml
20) T n-Hexatriacontane (C36)	20.474	2911192	21.501 ug/ml
21) T n-Octatriacontane (C38)	21.215	2816500	20.399 ug/ml
22) T n-Tetracontane (C40)	22.144	2703836	19.407 ug/ml

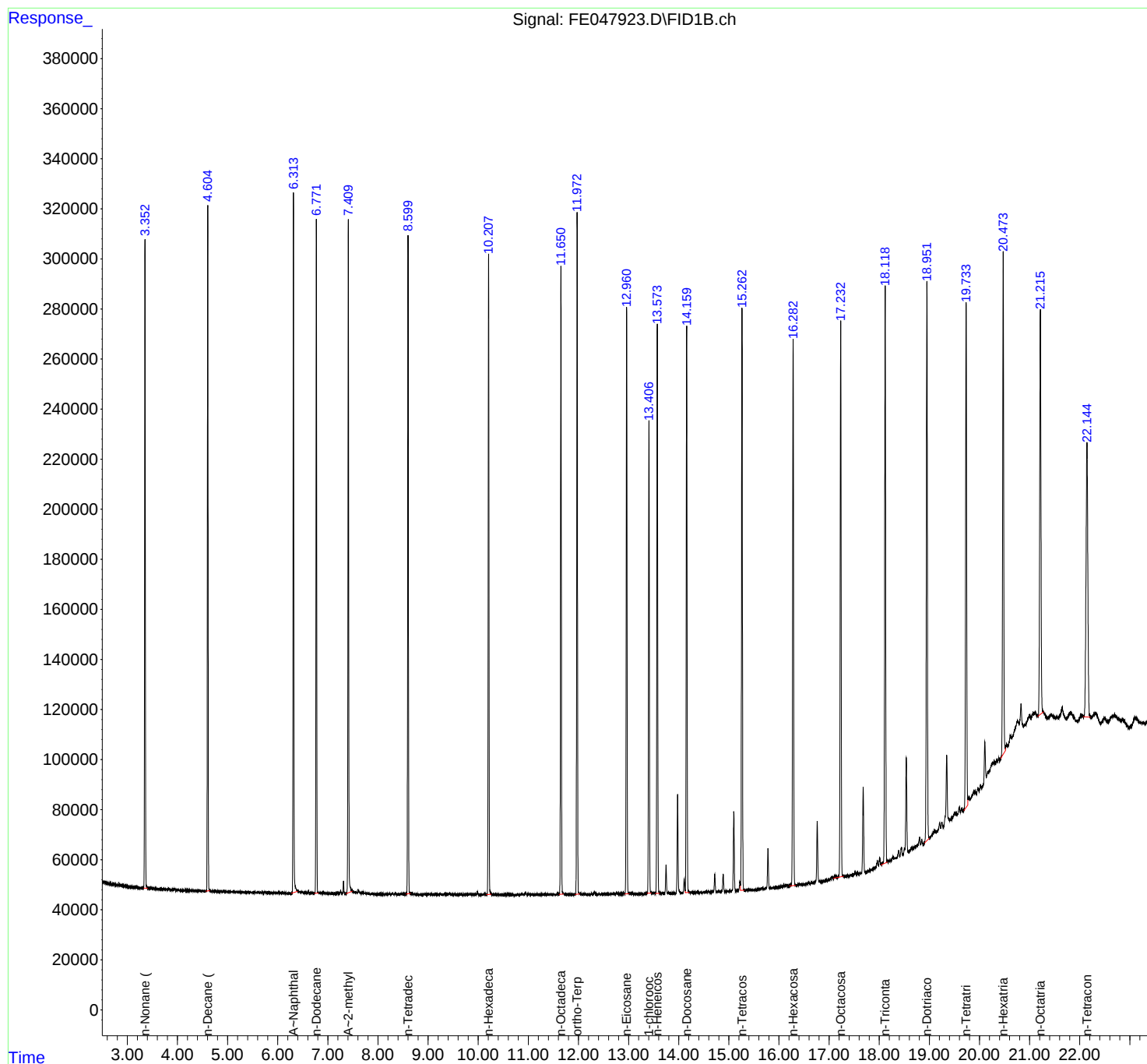
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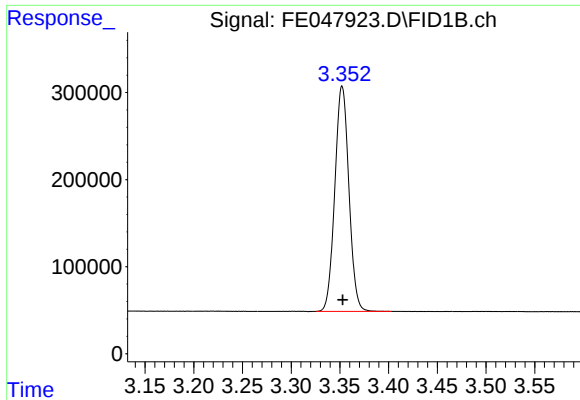
(m)=manual int.

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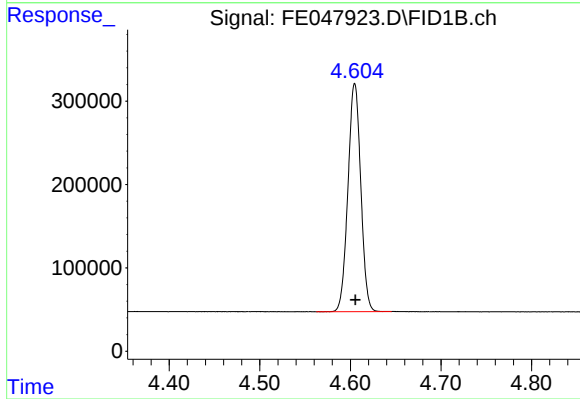
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Signal Info : 20M x 0.18mm x 0.18um





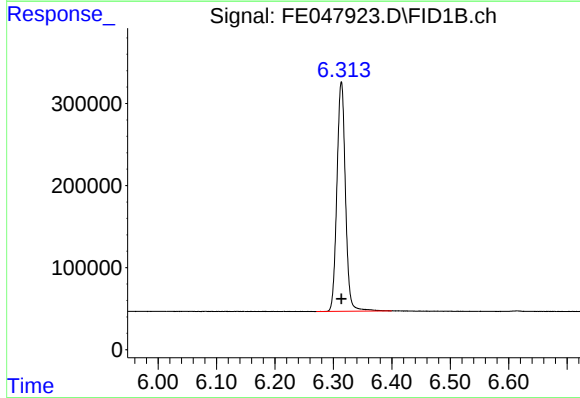
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 2605393
Conc: 20.22 ug/ml



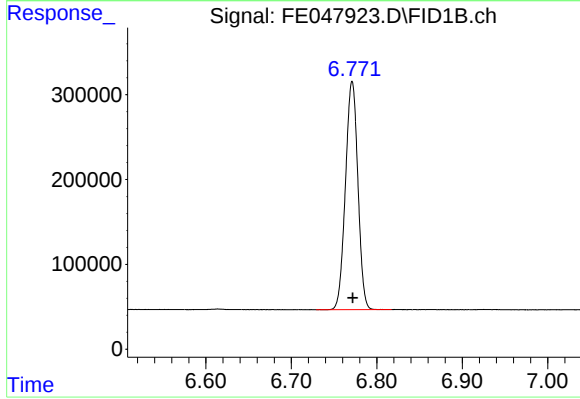
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2691422
Conc: 20.44 ug/ml



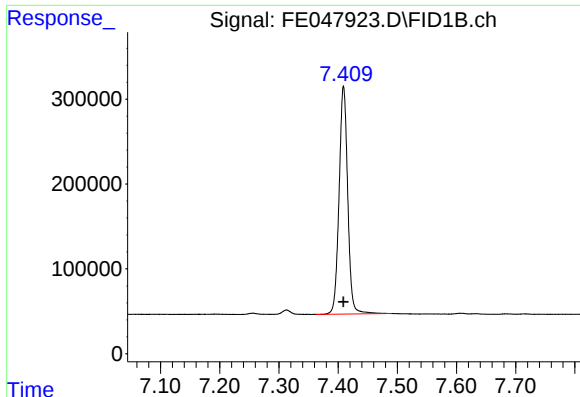
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 2837844
Conc: 20.55 ug/ml



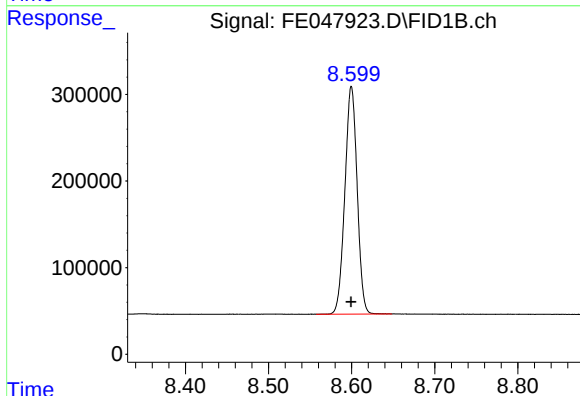
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 2722112
Conc: 20.42 ug/ml



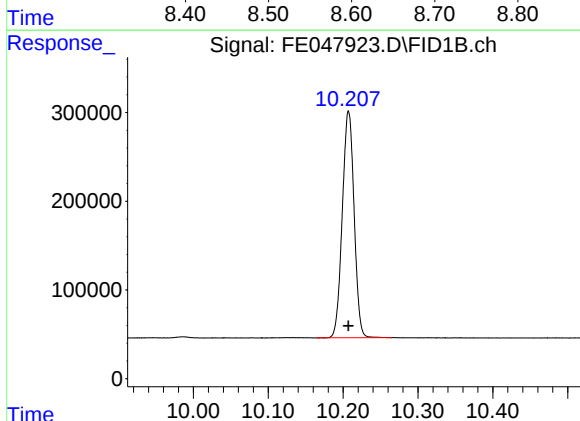
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 2724692
Conc: 20.47 ug/ml



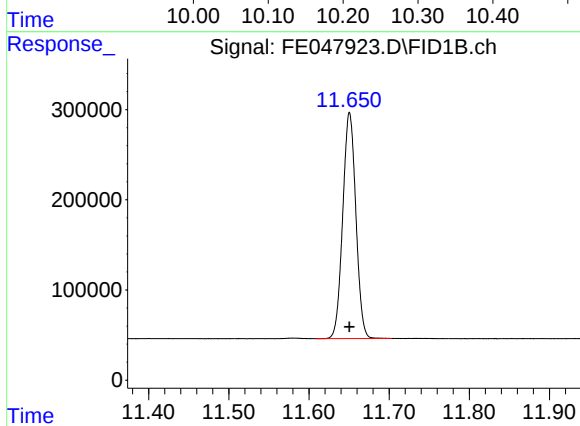
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 2697808
Conc: 20.36 ug/ml



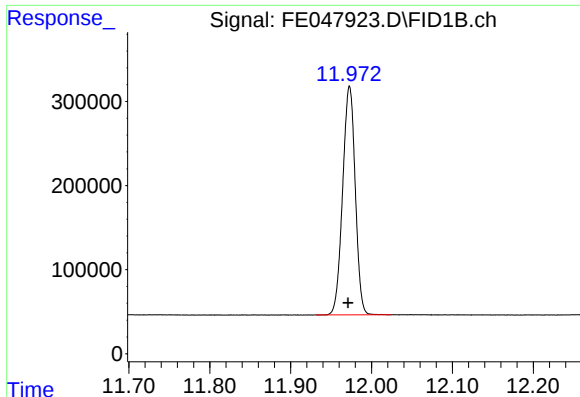
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 2801820
Conc: 20.37 ug/ml



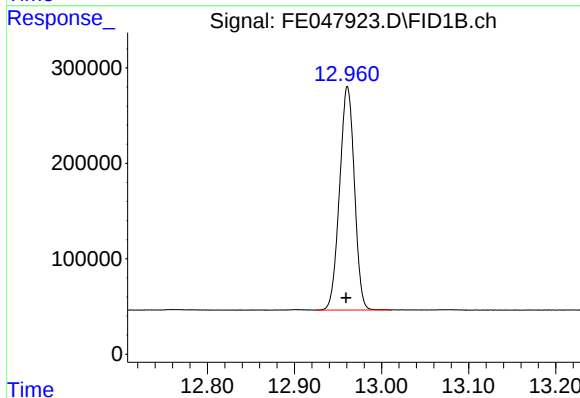
#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 2845286
Conc: 20.43 ug/ml



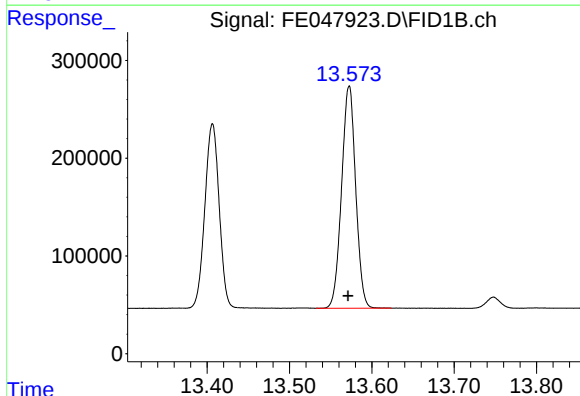
#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: 0.002 min
Response: 2945938
Conc: 20.42 ug/ml



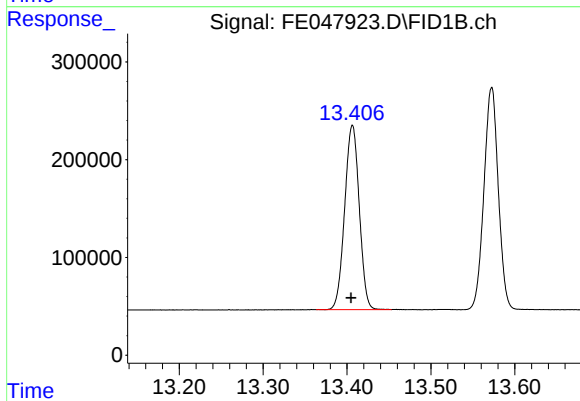
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.001 min
Response: 2766298
Conc: 20.55 ug/ml



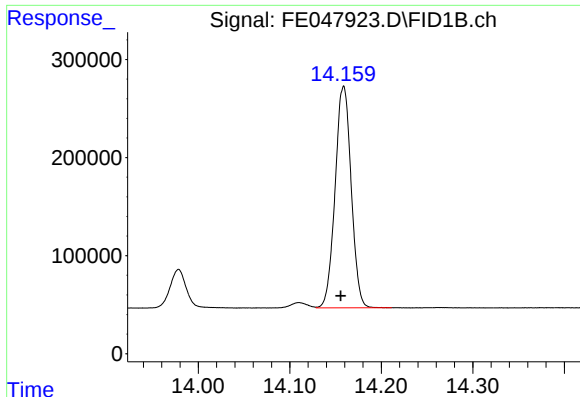
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.001 min
Response: 2703285
Conc: 20.42 ug/ml



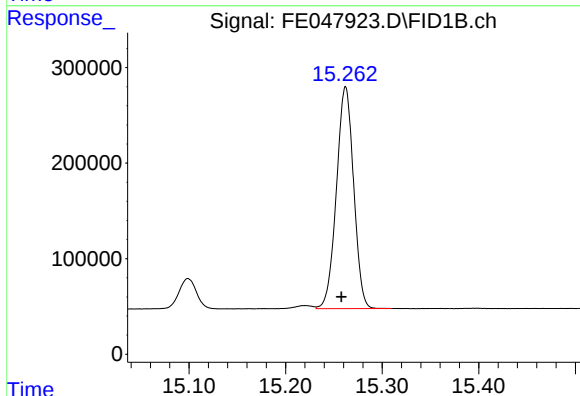
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.002 min
Response: 2277329
Conc: 20.38 ug/ml



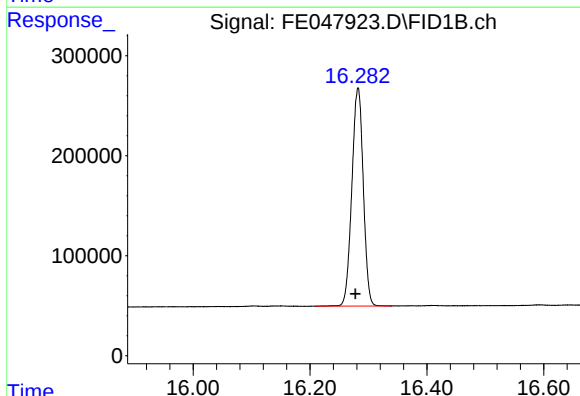
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.003 min
Response: 2757587
Conc: 20.81 ug/ml



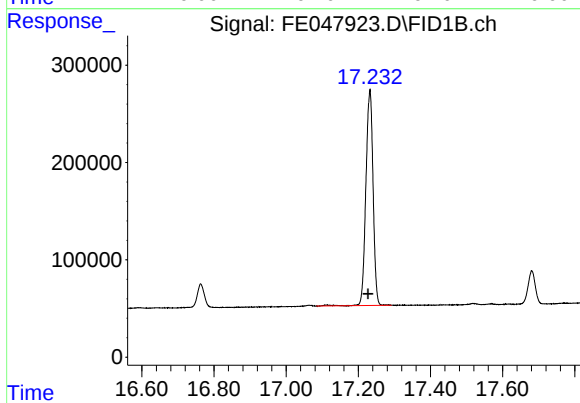
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: 0.004 min
Response: 2877250
Conc: 21.61 ug/ml



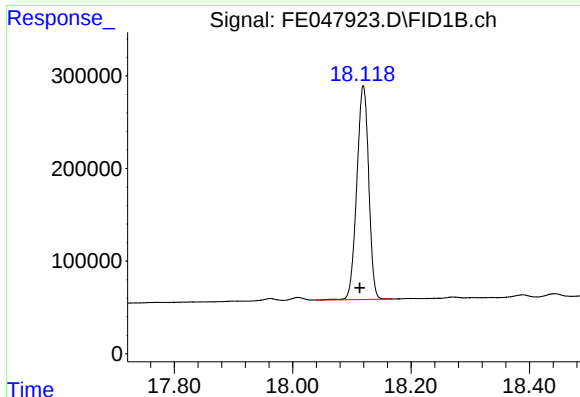
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: 0.004 min
Response: 2957075
Conc: 22.16 ug/ml



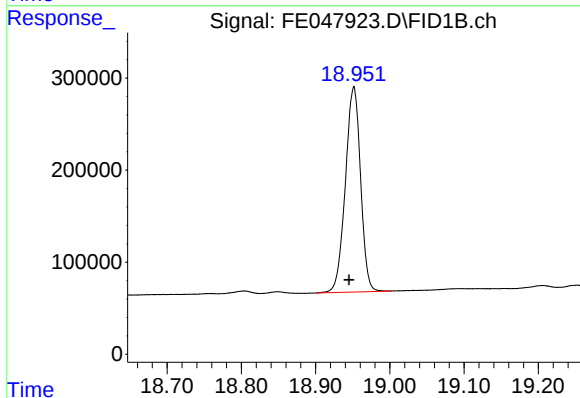
#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: 0.005 min
Response: 3051091
Conc: 22.92 ug/ml



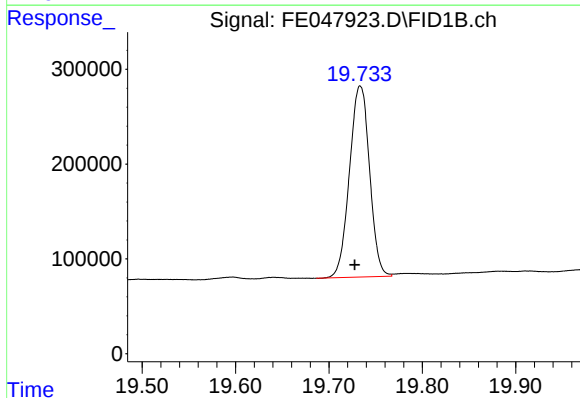
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: 0.006 min
Response: 3217167
Conc: 23.31 ug/ml



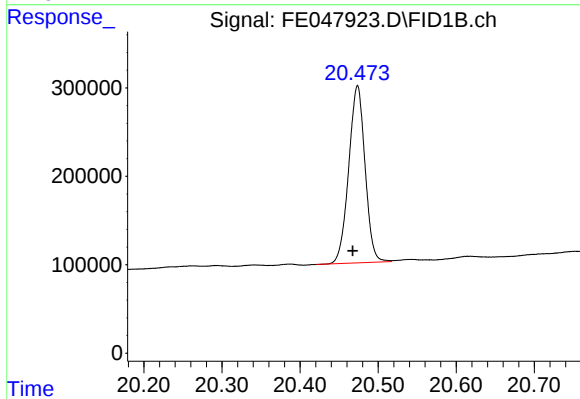
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.007 min
Response: 3172351
Conc: 22.97 ug/ml



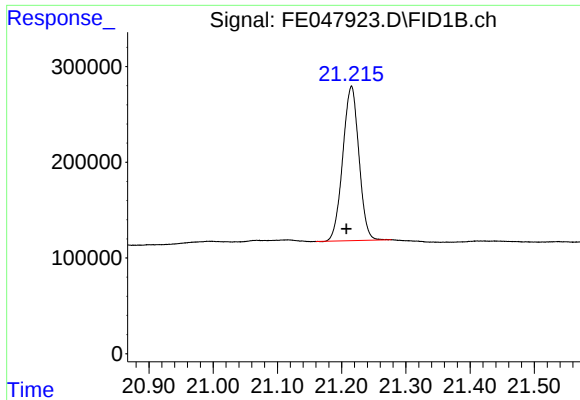
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.006 min
Response: 3012366
Conc: 22.11 ug/ml



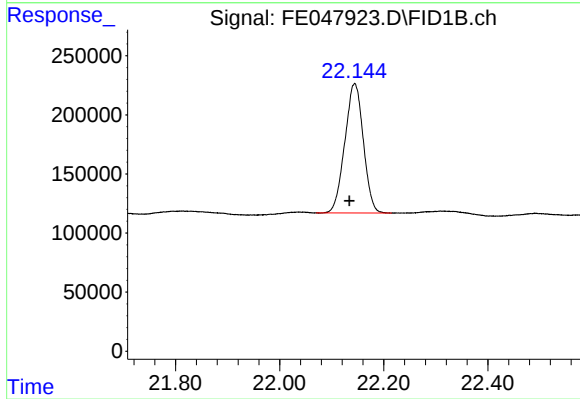
#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.006 min
Response: 2911192
Conc: 21.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: 0.008 min
Response: 2816500
Conc: 20.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.010 min
Response: 2703836
Conc: 19.41 ug/ml