

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041024AL\
 Data File : FE047546.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2024 08:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 01:08:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.988	3712825	21.406 ug/ml
Spiked Amount 50.000		Recovery =	42.81%
12) S 1-chlorooctadecane (S...	13.421	2875664	21.381 ug/ml
Spiked Amount 50.000		Recovery =	42.76%
Target Compounds			
1) T n-Nonane (C9)	3.365	3433746	21.948 ug/ml
2) T n-Decane (C10)	4.618	3496443	21.755 ug/ml
3) T A~Naphthalene (C11.7)	6.327	3682808	21.720 ug/ml
4) T n-Dodecane (C12)	6.784	3503491	21.585 ug/ml
5) T A~2-methylnaphthalene...	7.423	3542388	21.571 ug/ml
6) T n-Tetradecane (C14)	8.613	3457370	21.491 ug/ml
7) T n-Hexadecane (C16)	10.221	3560735	21.440 ug/ml
8) T n-Octadecane (C18)	11.665	3584985	21.378 ug/ml
10) T n-Eicosane (C20)	12.974	3450180	21.297 ug/ml
11) T n-Heneicosane (C21)	13.587	3390860	21.370 ug/ml
13) T n-Docosane (C22)	14.173	3380206	21.063 ug/ml
14) T n-Tetracosane (C24)	15.276	3395500	20.571 ug/ml
15) T n-Hexacosane (C26)	16.296	3370816	20.393 ug/ml
16) T n-Octacosane (C28)	17.244	3346552	20.194 ug/mlm
17) T n-Tricontane (C30)	18.131	3426635	20.183 ug/ml
18) T n-Dotriacontane (C32)	18.964	3399051	20.384 ug/ml
19) T n-Tetratriacontane (C34)	19.748	3446371	21.488 ug/ml
20) T n-Hexatriacontane (C36)	20.488	3690452	23.138 ug/ml
21) T n-Octatriacontane (C38)	21.232	3602694	22.167 ug/mlm
22) T n-Tetracontane (C40)	22.164	3369895	20.583 ug/ml

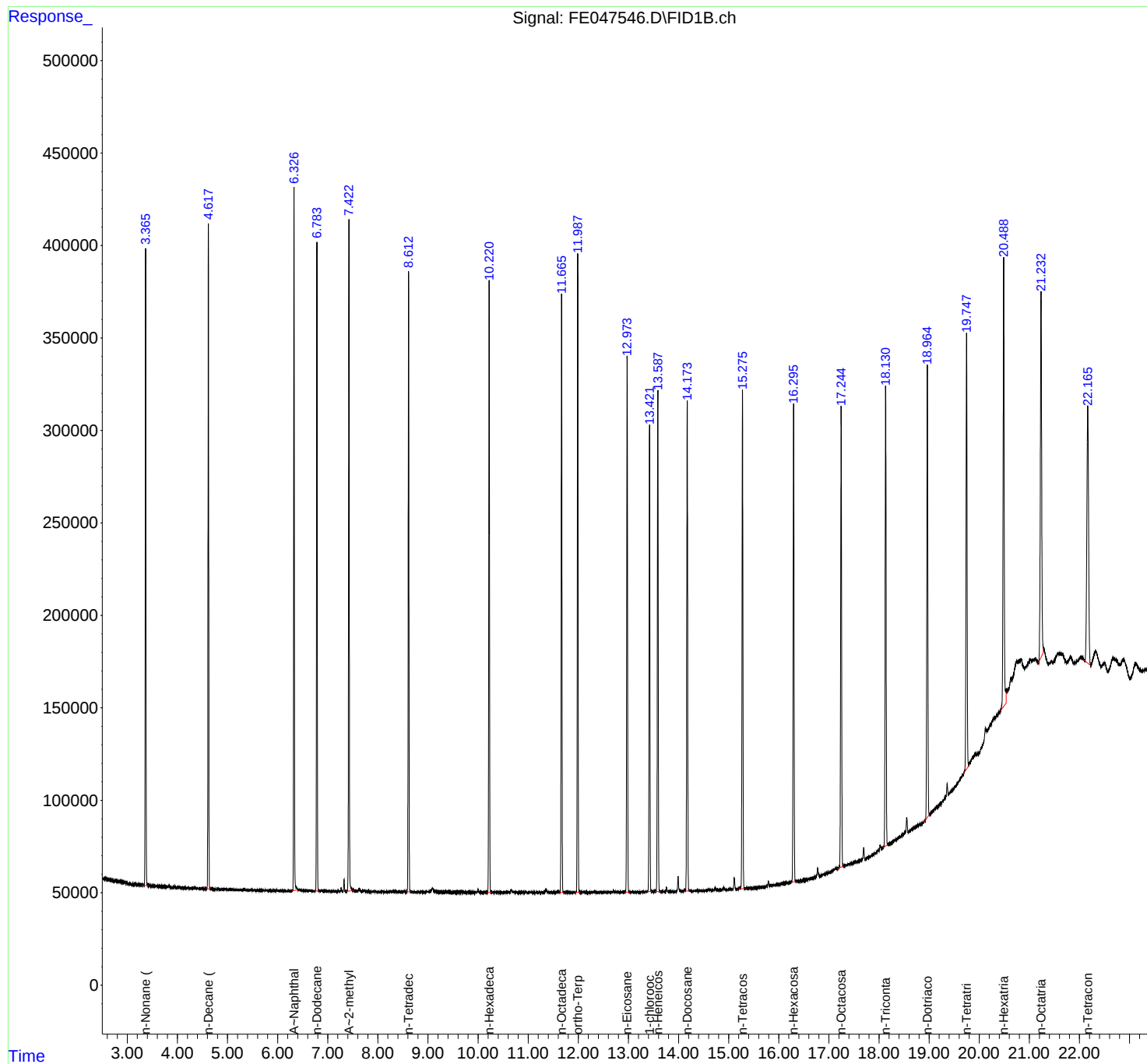
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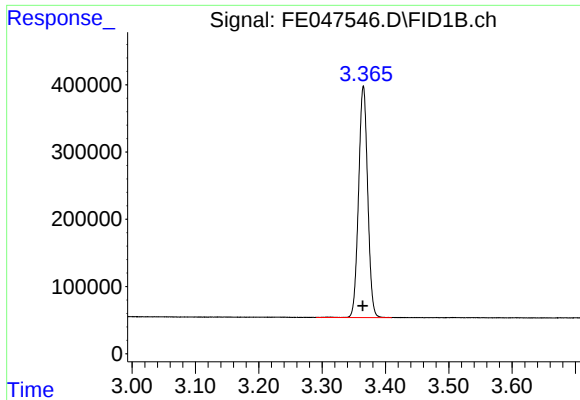
(m)=manual int.

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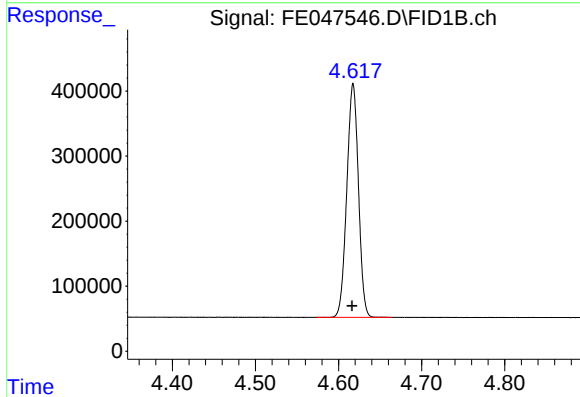
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





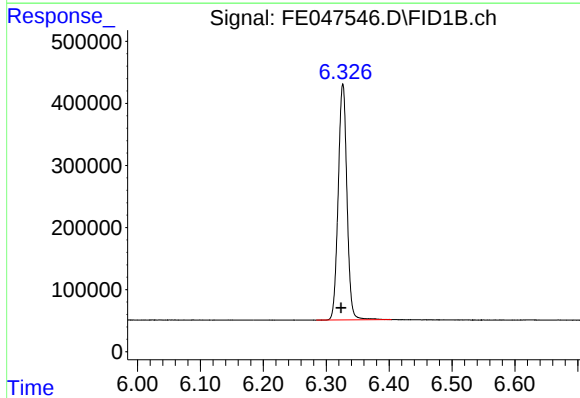
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.001 min
Response: 3433746
Conc: 21.95 ug/ml



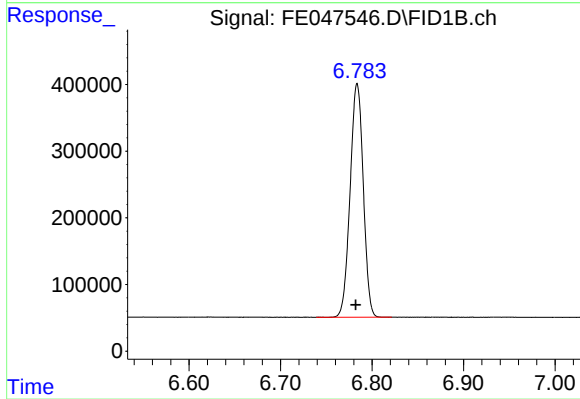
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.001 min
Response: 3496443
Conc: 21.76 ug/ml



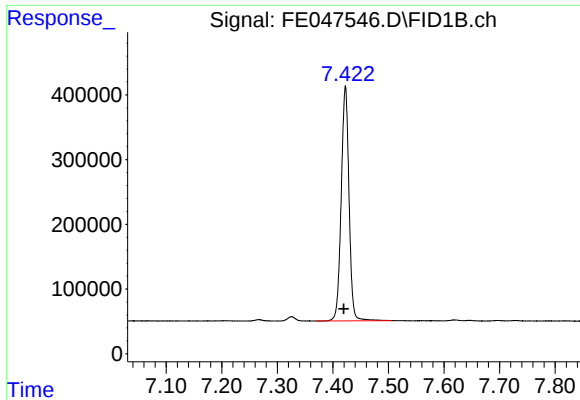
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 3682808
Conc: 21.72 ug/ml



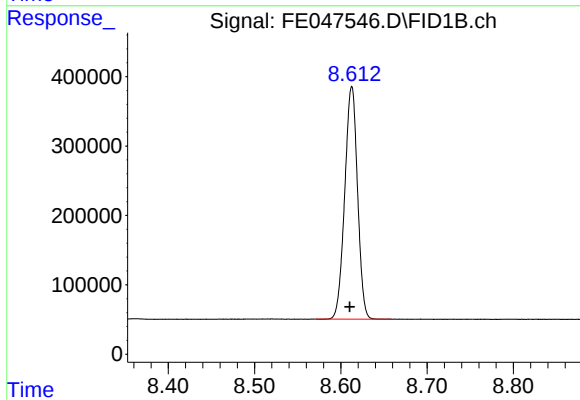
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 3503491
Conc: 21.59 ug/ml



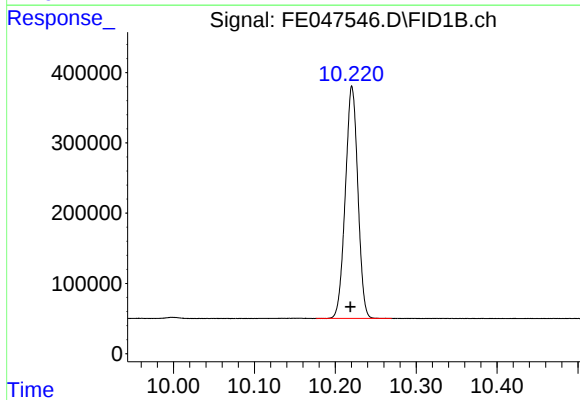
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.423 min
Delta R.T.: 0.003 min
Response: 3542388
Conc: 21.57 ug/ml



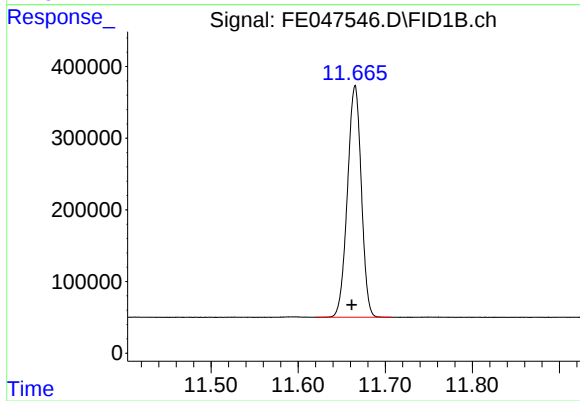
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 3457370
Conc: 21.49 ug/ml



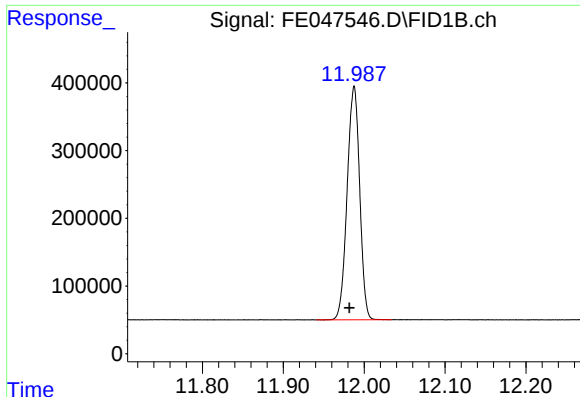
#7 n-Hexadecane (C16)

R.T.: 10.221 min
Delta R.T.: 0.002 min
Response: 3560735
Conc: 21.44 ug/ml



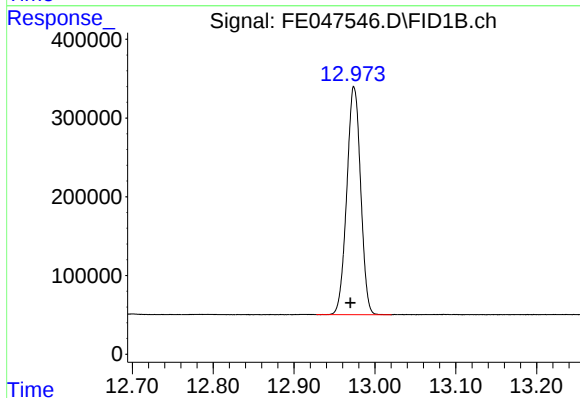
#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.004 min
Response: 3584985
Conc: 21.38 ug/ml



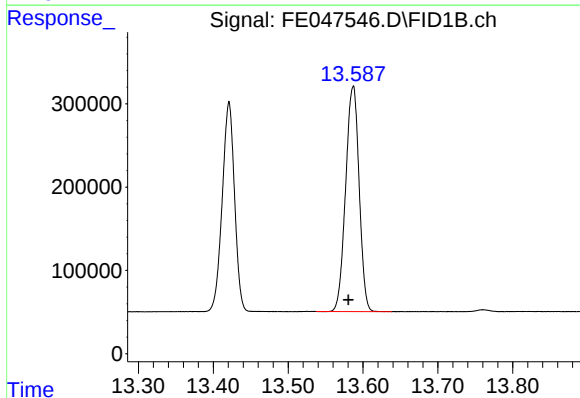
#9 ortho-Terphenyl (SURR)

R.T.: 11.988 min
Delta R.T.: 0.006 min
Response: 3712825
Conc: 21.41 ug/ml



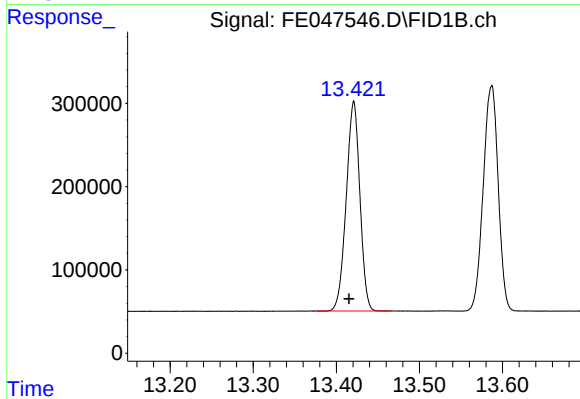
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.005 min
Response: 3450180
Conc: 21.30 ug/ml



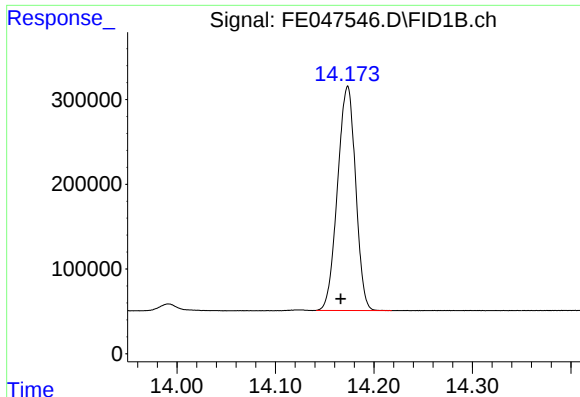
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: 0.007 min
Response: 3390860
Conc: 21.37 ug/ml



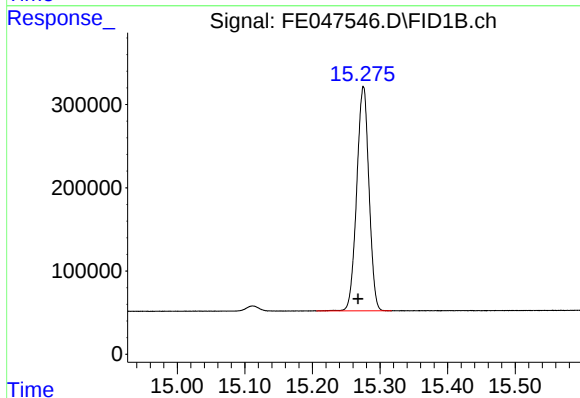
#12 1-chlorooctadecane (SURR)

R.T.: 13.421 min
Delta R.T.: 0.006 min
Response: 2875664
Conc: 21.38 ug/ml



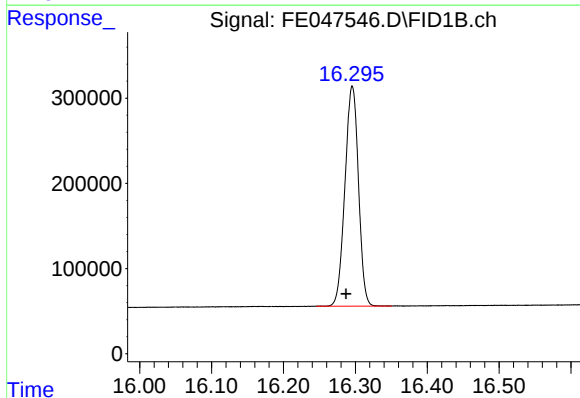
#13 n-Docosane (C22)

R.T.: 14.173 min
Delta R.T.: 0.007 min
Response: 3380206
Conc: 21.06 ug/ml



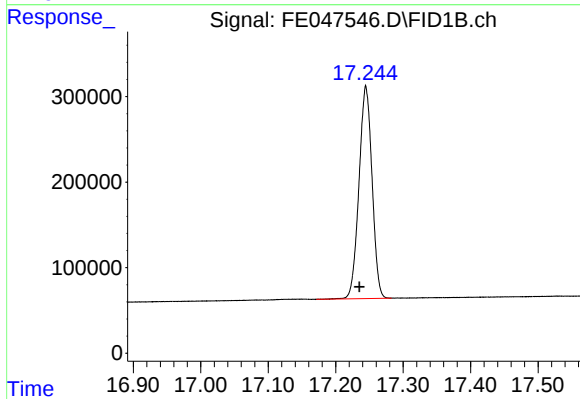
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.008 min
Response: 3395500
Conc: 20.57 ug/ml



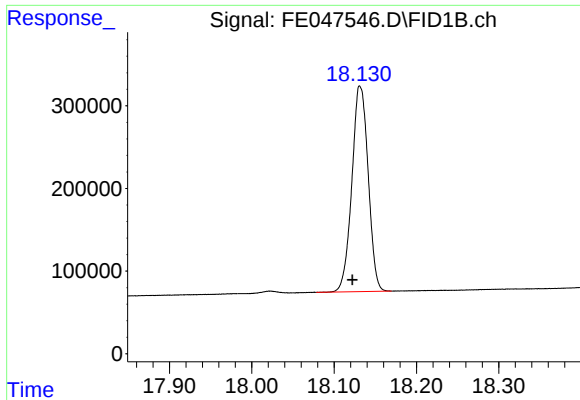
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.009 min
Response: 3370816
Conc: 20.39 ug/ml



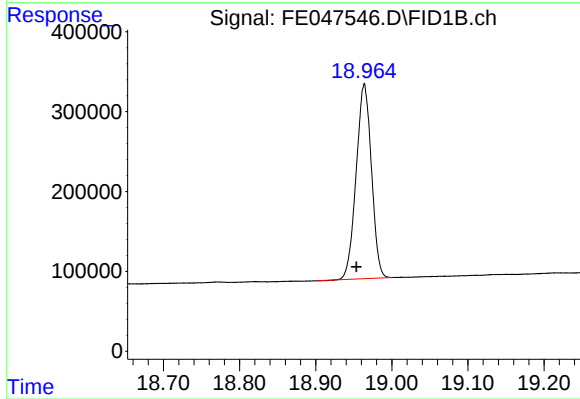
#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: 0.009 min
Response: 3346552
Conc: 20.19 ug/ml m



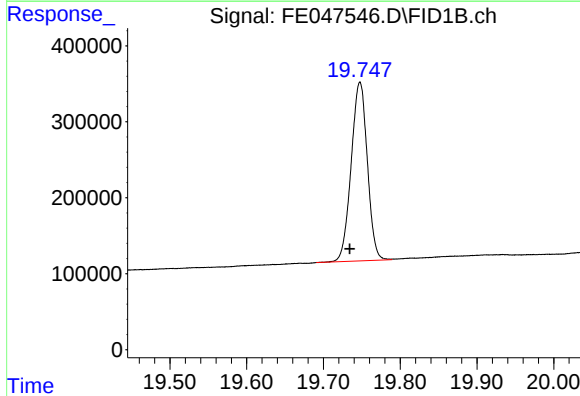
#17 n-Tricontane (C30)

R.T.: 18.131 min
Delta R.T.: 0.009 min
Response: 3426635
Conc: 20.18 ug/ml



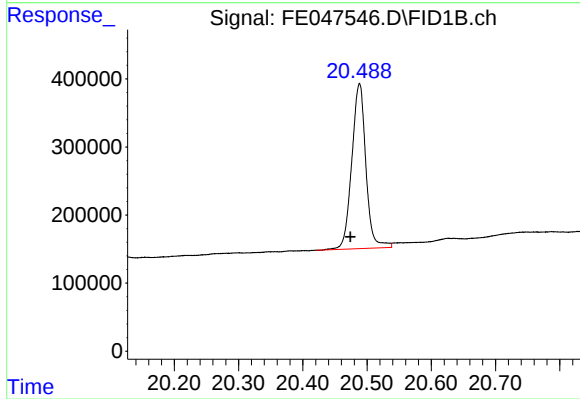
#18 n-Dotriacontane (C32)

R.T.: 18.964 min
Delta R.T.: 0.010 min
Response: 3399051
Conc: 20.38 ug/ml



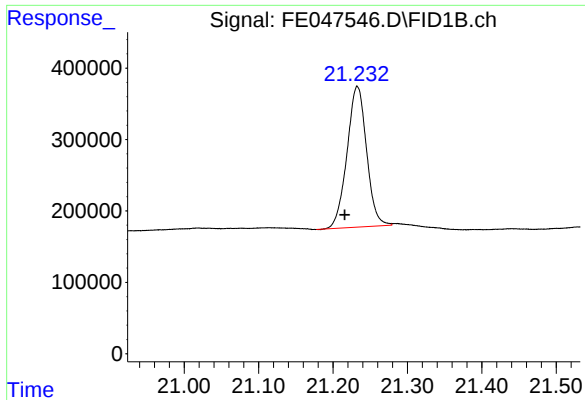
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min
Delta R.T.: 0.013 min
Response: 3446371
Conc: 21.49 ug/ml



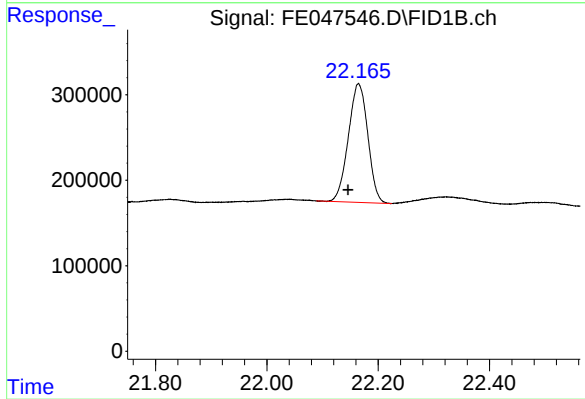
#20 n-Hexatriacontane (C36)

R.T.: 20.488 min
Delta R.T.: 0.014 min
Response: 3690452
Conc: 23.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.232 min
Delta R.T.: 0.016 min
Response: 3602694
Conc: 22.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.164 min
Delta R.T.: 0.018 min
Response: 3369895
Conc: 20.58 ug/ml