

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040924AL\
 Data File : FE047533.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2024 12:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 10 01:16:42 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)	11.974	3430233	19.777 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	13.407	2621390	19.490 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T n-Nonane (C9)	3.353	3183167	20.346 ug/ml
2) T n-Decane (C10)	4.605	3231489	20.107 ug/ml
3) T A~Naphthalene (C11.7)	6.312	3383954	19.958 ug/ml
4) T n-Dodecane (C12)	6.773	3239251	19.957 ug/ml
5) T A~2-methylnaphthalene...	7.408	3247737	19.776 ug/ml
6) T n-Tetradecane (C14)	8.602	3192083	19.842 ug/ml
7) T n-Hexadecane (C16)	10.209	3285353	19.782 ug/ml
8) T n-Octadecane (C18)	11.653	3334009	19.881 ug/ml
10) T n-Eicosane (C20)	12.962	3207024	19.796 ug/ml
11) T n-Heneicosane (C21)	13.573	3157404	19.899 ug/ml
13) T n-Docosane (C22)	14.160	3133153	19.523 ug/ml
14) T n-Tetracosane (C24)	15.263	3140570	19.026 ug/ml
15) T n-Hexacosane (C26)	16.283	3082155	18.646 ug/ml
16) T n-Octacosane (C28)	17.231	3035664	18.318 ug/ml
17) T n-Tricontane (C30)	18.119	3080007	18.142 ug/ml
18) T n-Dotriacontane (C32)	18.950	3063982	18.375 ug/ml
19) T n-Tetratriacontane (C34)	19.733	3008514	18.758 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2975430	18.655 ug/ml
21) T n-Octatriacontane (C38)	21.213	2984173	18.361 ug/ml
22) T n-Tetracontane (C40)	22.139	3030966	18.513 ug/ml

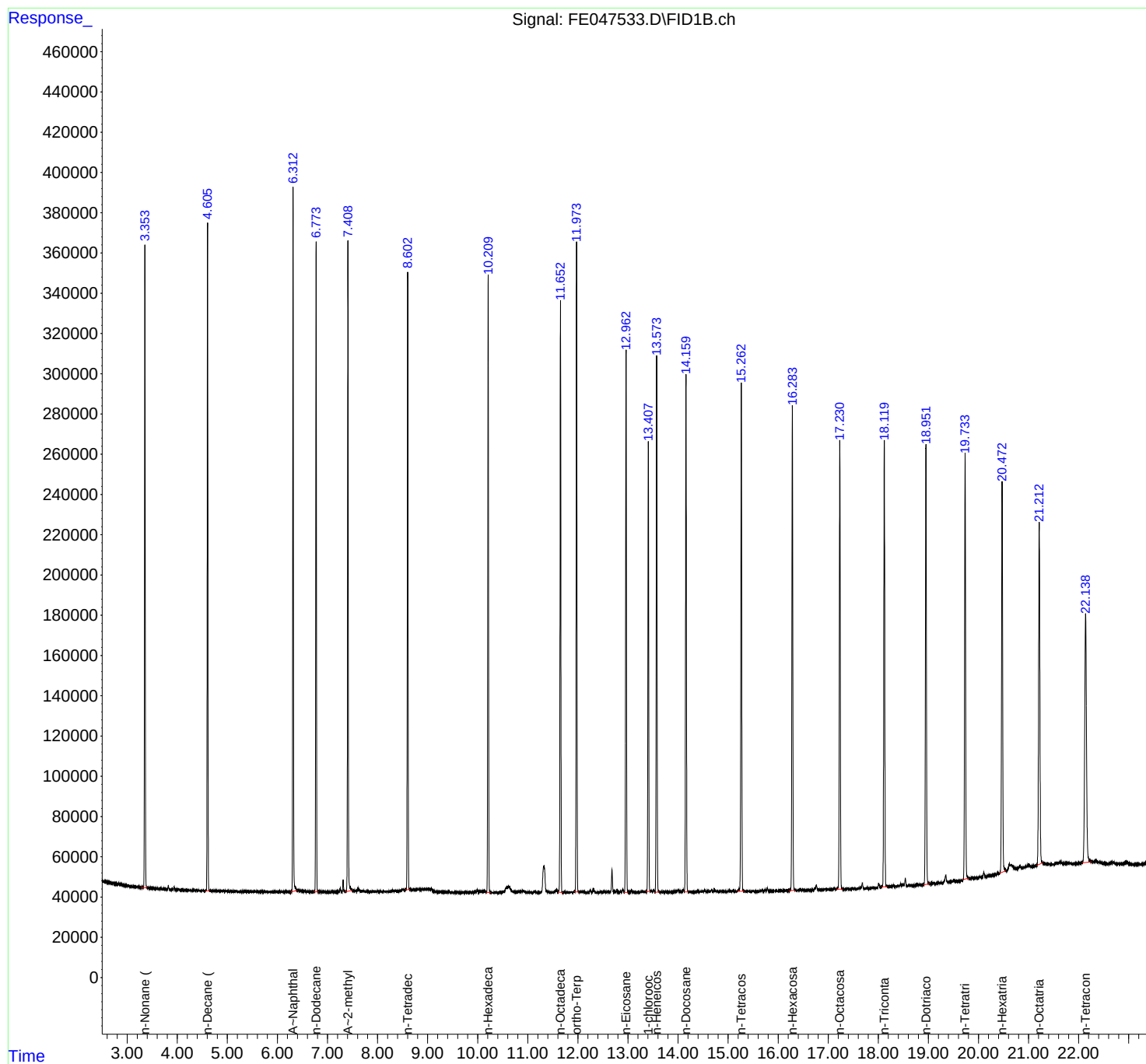
(f)=RT Delta > 1/2 Window

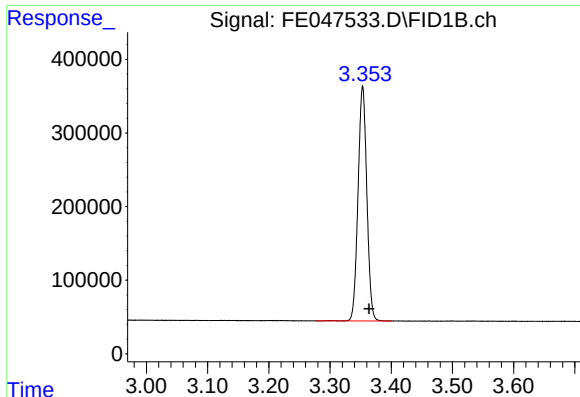
(m)=manual int.

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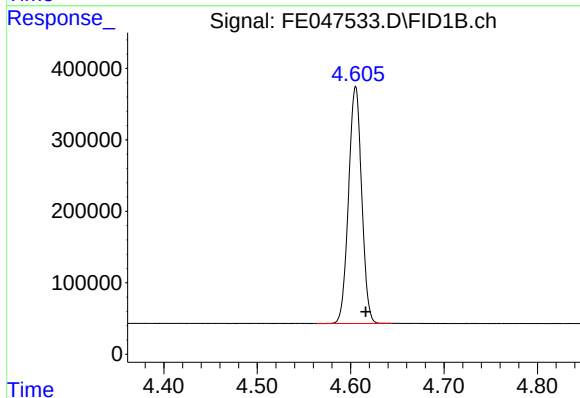
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





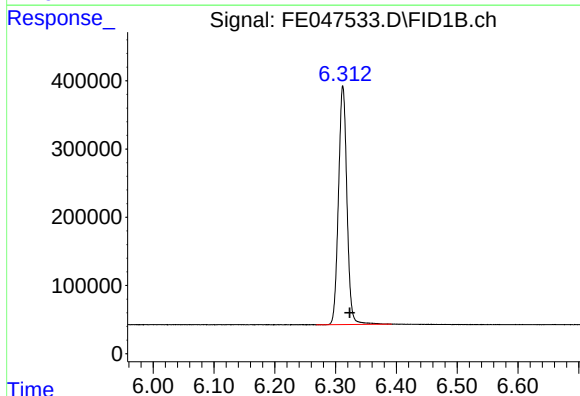
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.011 min
Response: 3183167
Conc: 20.35 ug/ml



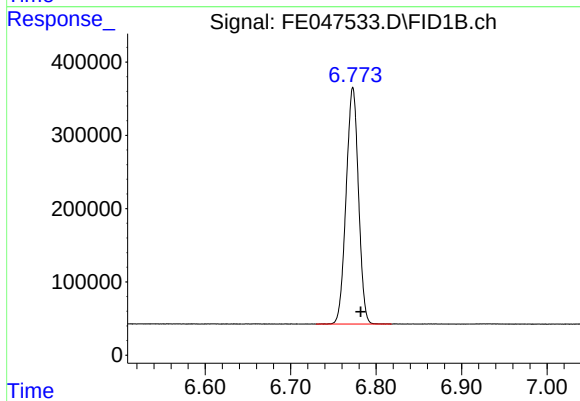
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: -0.011 min
Response: 3231489
Conc: 20.11 ug/ml



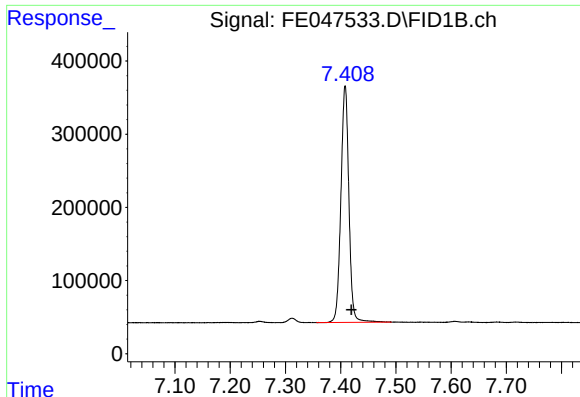
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.011 min
Response: 3383954
Conc: 19.96 ug/ml



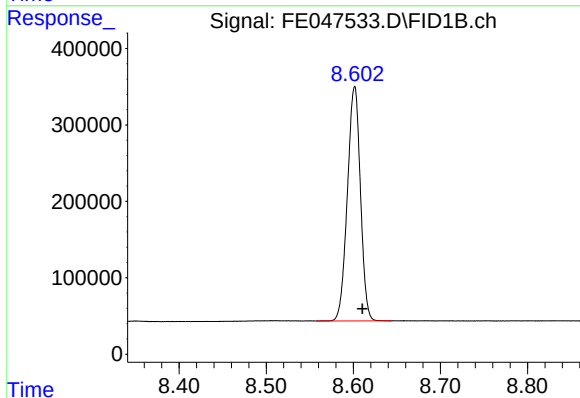
#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.009 min
Response: 3239251
Conc: 19.96 ug/ml



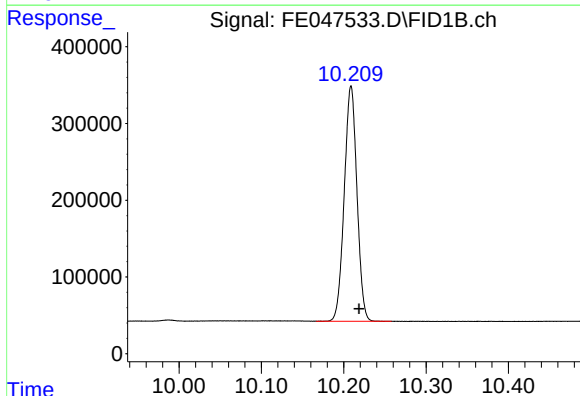
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.011 min
Response: 3247737
Conc: 19.78 ug/ml



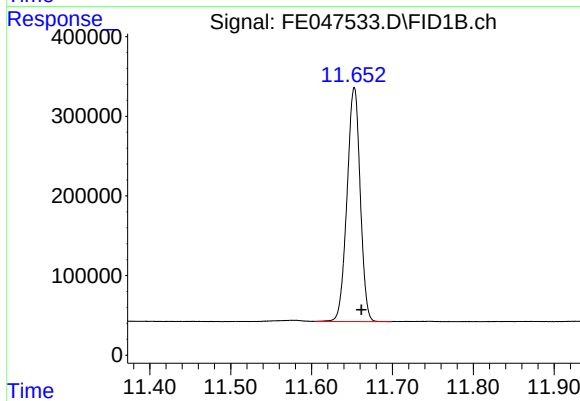
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: -0.009 min
Response: 3192083
Conc: 19.84 ug/ml



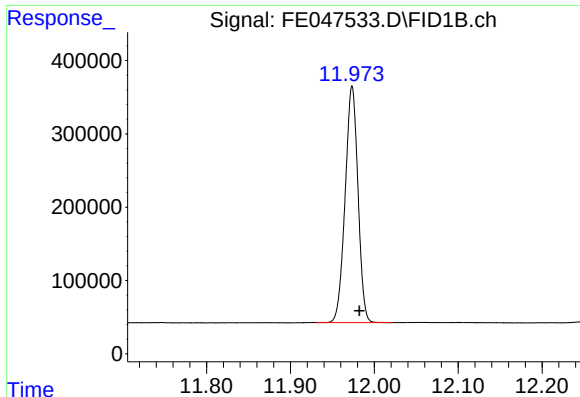
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: -0.010 min
Response: 3285353
Conc: 19.78 ug/ml



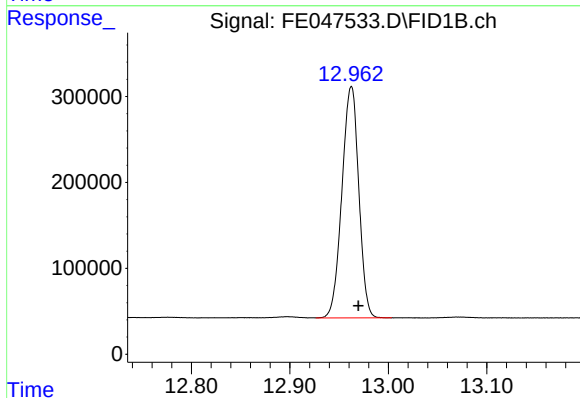
#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: -0.009 min
Response: 3334009
Conc: 19.88 ug/ml



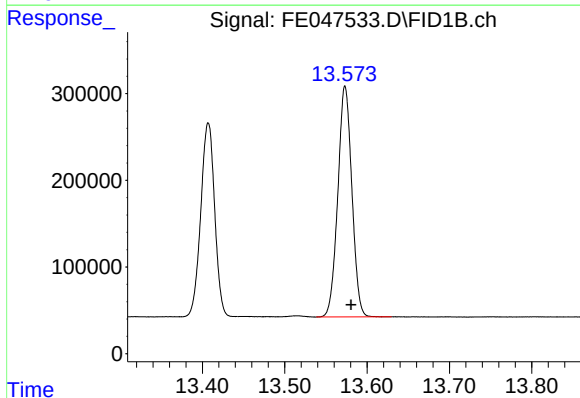
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: -0.008 min
Response: 3430233
Conc: 19.78 ug/ml



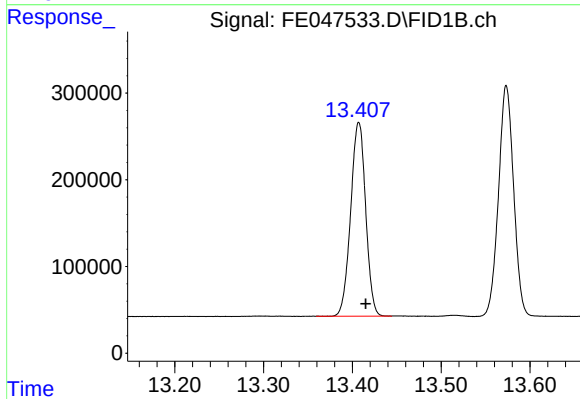
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.007 min
Response: 3207024
Conc: 19.80 ug/ml



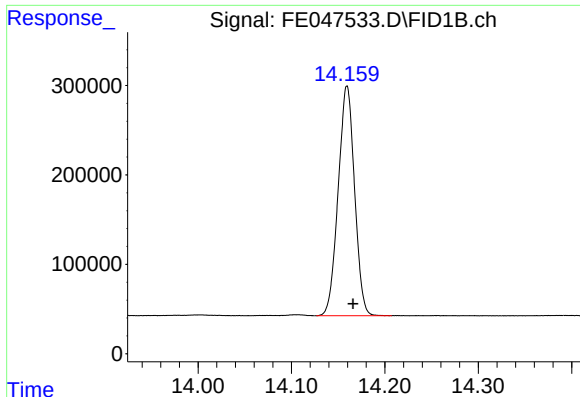
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.007 min
Response: 3157404
Conc: 19.90 ug/ml



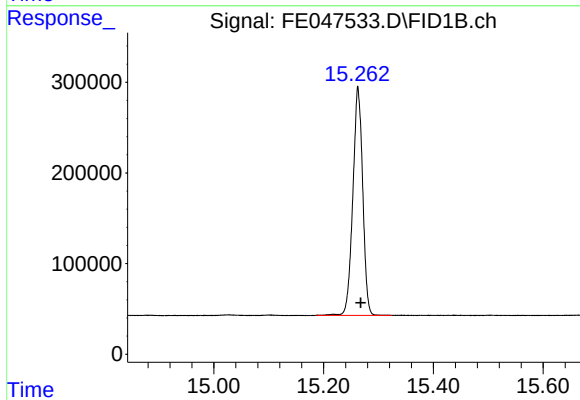
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: -0.008 min
Response: 2621390
Conc: 19.49 ug/ml



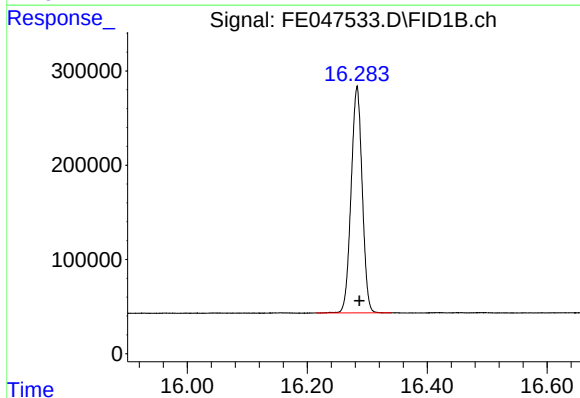
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.007 min
Response: 3133153
Conc: 19.52 ug/ml



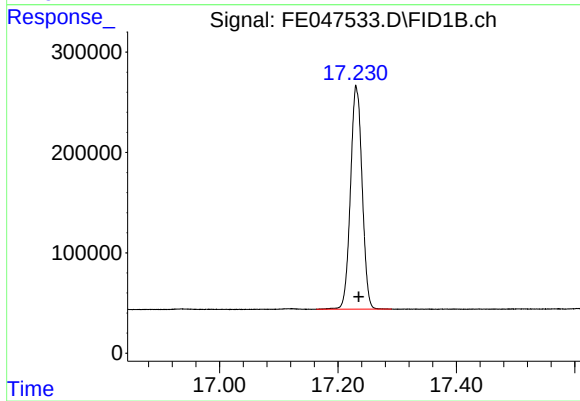
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.005 min
Response: 3140570
Conc: 19.03 ug/ml



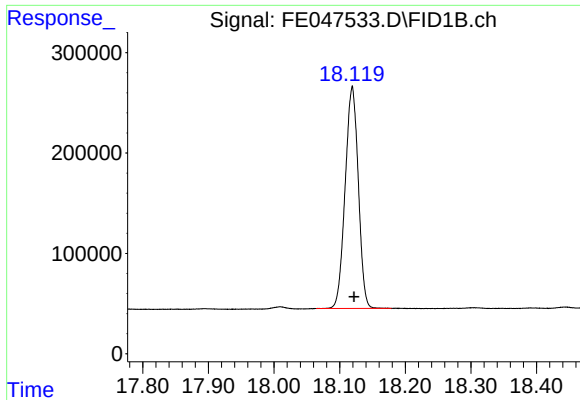
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.004 min
Response: 3082155
Conc: 18.65 ug/ml



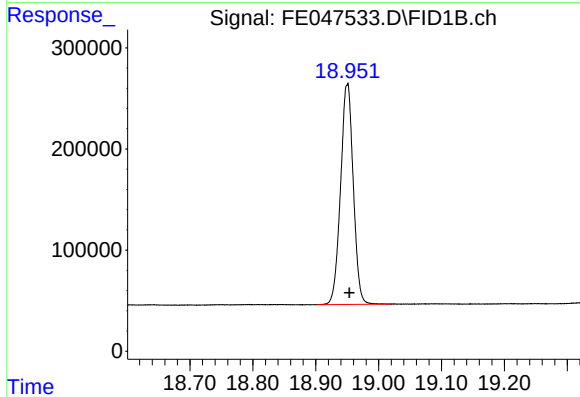
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: -0.004 min
Response: 3035664
Conc: 18.32 ug/ml



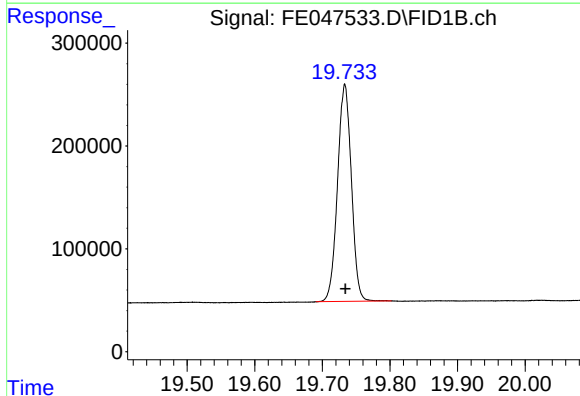
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: -0.003 min
Response: 3080007
Conc: 18.14 ug/ml



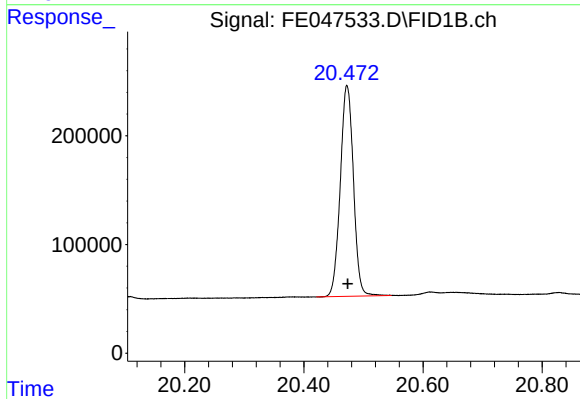
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.003 min
Response: 3063982
Conc: 18.37 ug/ml



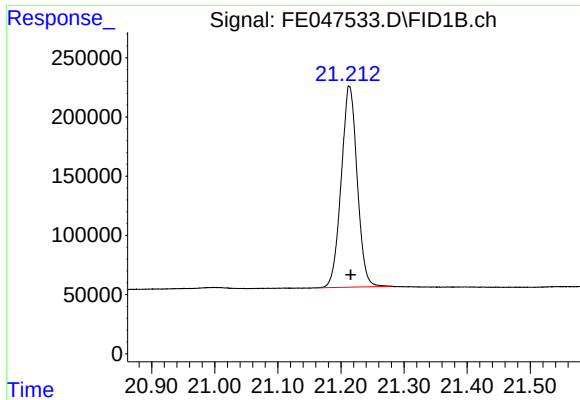
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.000 min
Response: 3008514
Conc: 18.76 ug/ml



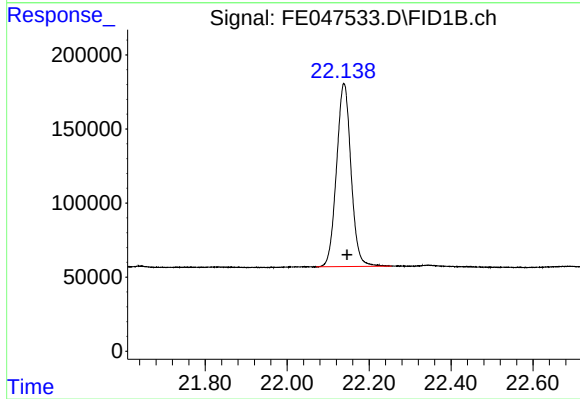
#20 n-Hexatriacontane (C36)

R.T.: 20.472 min
Delta R.T.: -0.001 min
Response: 2975430
Conc: 18.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: -0.002 min
Response: 2984173
Conc: 18.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.007 min
Response: 3030966
Conc: 18.51 ug/ml