

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031224AL\
 Data File : FE047184.D
 Signal(s) : FID1B.ch
 Acq On : 12 Mar 2024 18:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 04:03:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031224.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 04:01:26 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)	11.972	3354289	20.117 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
12) S 1-chlorooctadecane (S...	13.404	2529320	19.835 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.365	3148539	20.028 ug/ml
2) T n-Decane (C10)	4.613	3217034	19.999 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3283819	20.221 ug/ml
4) T n-Dodecane (C12)	6.777	3234797	20.033 ug/ml
5) T A~2-methylnaphthalene...	7.409	3142912	19.859 ug/ml
6) T n-Tetradecane (C14)	8.604	3188017	20.018 ug/ml
7) T n-Hexadecane (C16)	10.210	3252452	20.037 ug/ml
8) T n-Octadecane (C18)	11.653	3243113	19.996 ug/ml
10) T n-Eicosane (C20)	12.960	3087000	19.939 ug/ml
11) T n-Heneicosane (C21)	13.571	3003412	19.976 ug/ml
13) T n-Docosane (C22)	14.156	2966141	19.893 ug/ml
14) T n-Tetracosane (C24)	15.256	2901266	19.834 ug/ml
15) T n-Hexacosane (C26)	16.273	2751776	20.014 ug/ml
16) T n-Octacosane (C28)	17.219	2602763	20.211 ug/ml
17) T n-Tricontane (C30)	18.104	2542283	19.509 ug/ml
18) T n-Dotriacontane (C32)	18.934	2356685	20.269 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2110737	20.788 ug/ml
20) T n-Hexatriacontane (C36)	20.452	1868814	20.940 ug/ml
21) T n-Octatriacontane (C38)	21.188	1582722	20.740 ug/ml
22) T n-Tetracontane (C40)	22.116	1341661	19.401 ug/ml

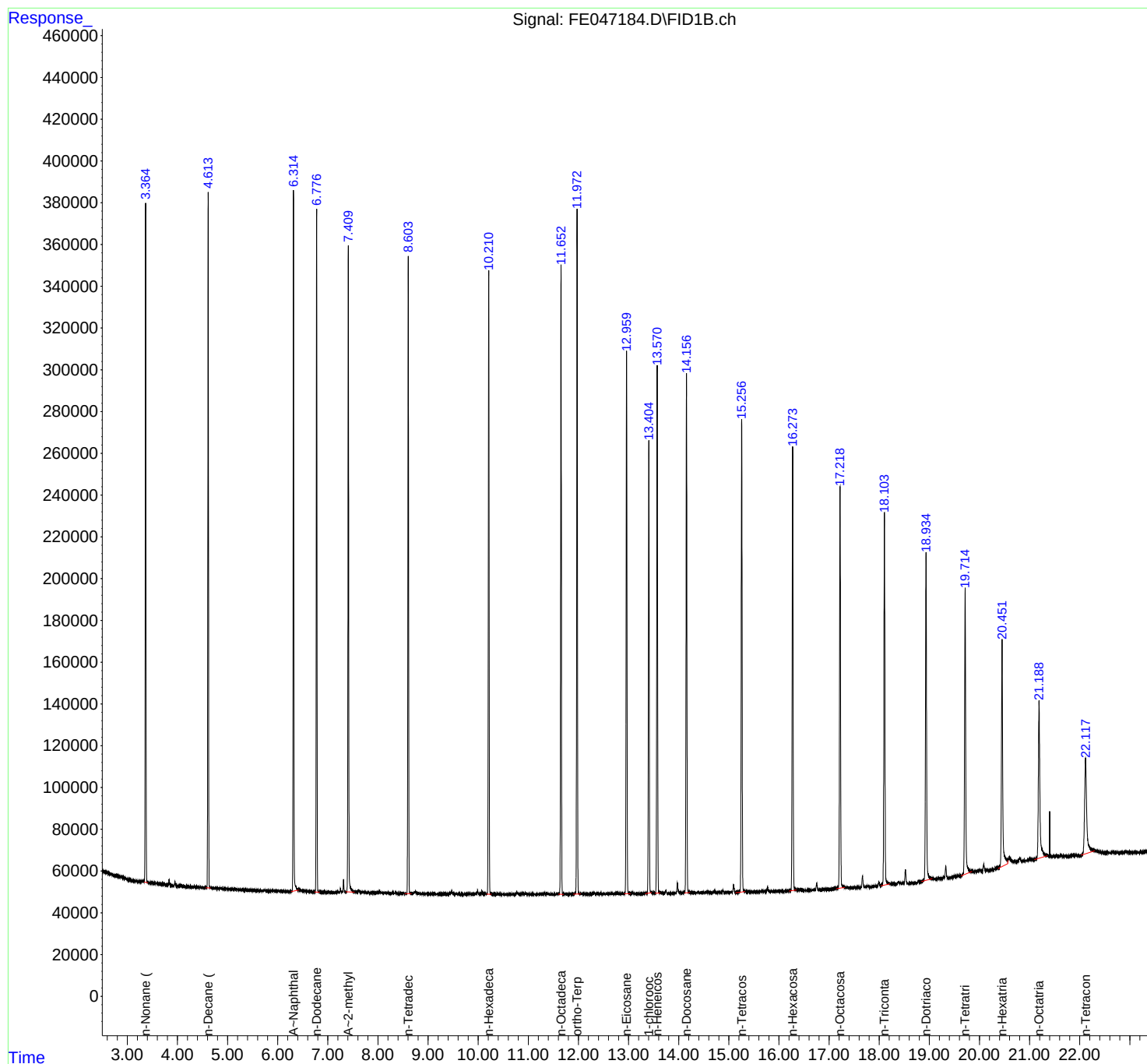
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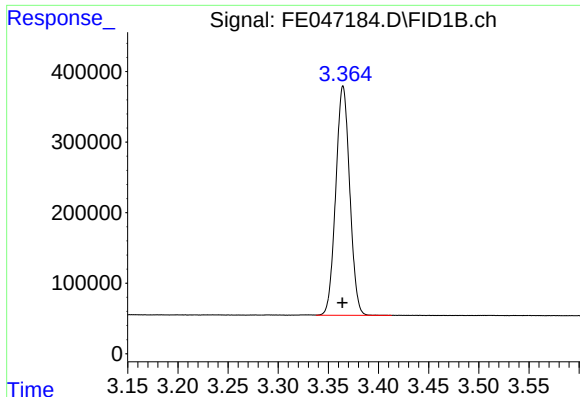
(m)=manual int.

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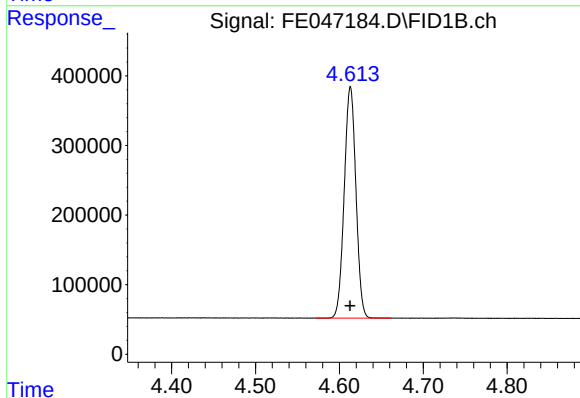
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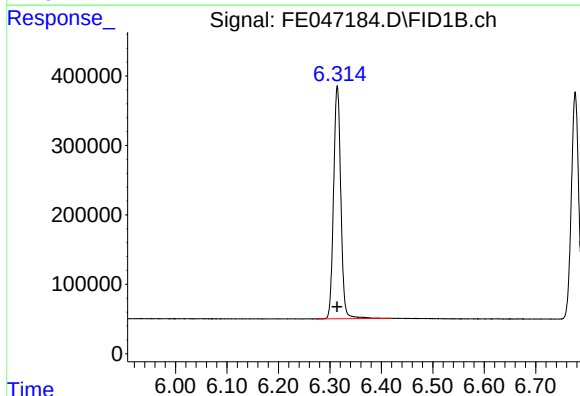
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 3148539
Conc: 20.03 ug/ml



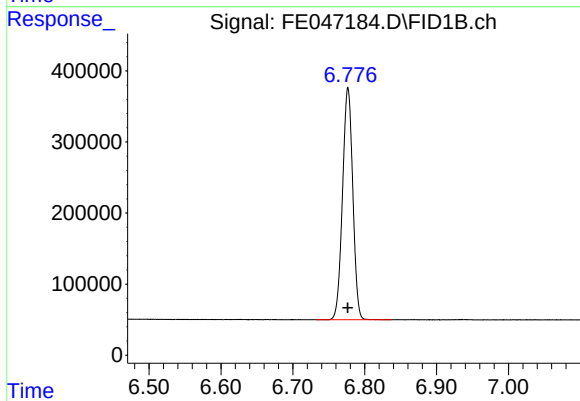
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 3217034
Conc: 20.00 ug/ml



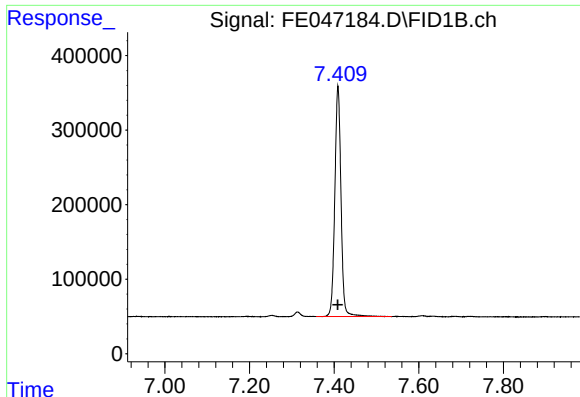
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 3283819
Conc: 20.22 ug/ml



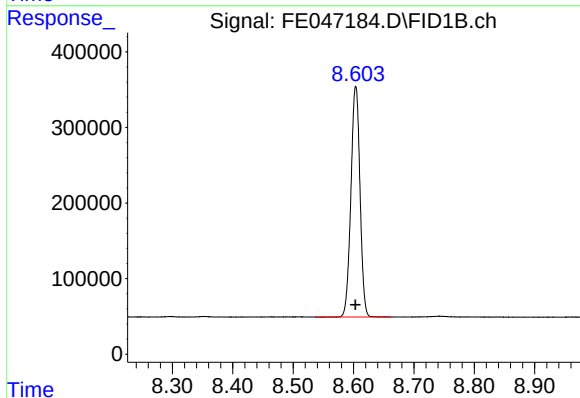
#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: 0.000 min
Response: 3234797
Conc: 20.03 ug/ml



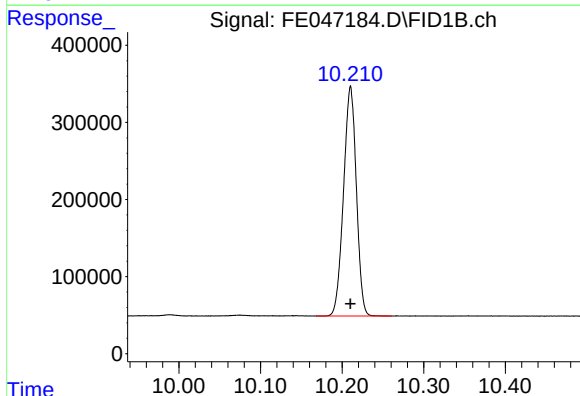
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 3142912
Conc: 19.86 ug/ml



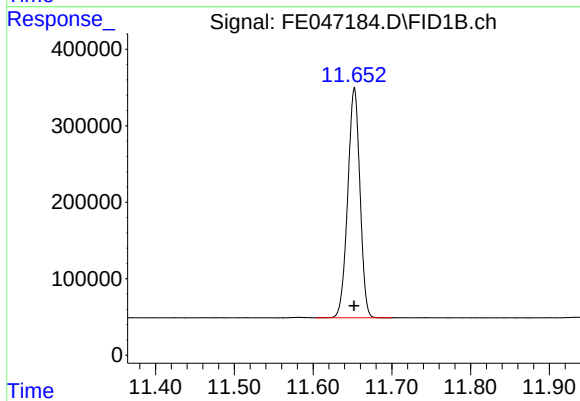
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 3188017
Conc: 20.02 ug/ml



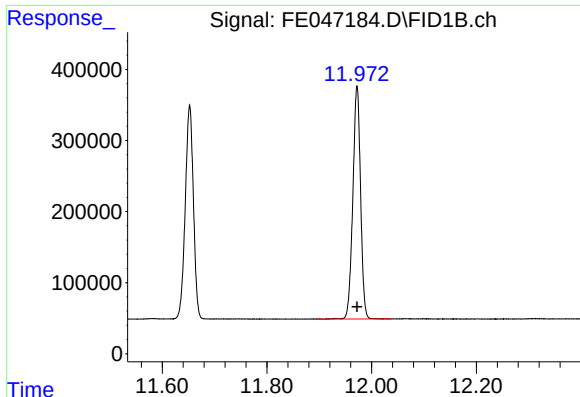
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 3252452
Conc: 20.04 ug/ml



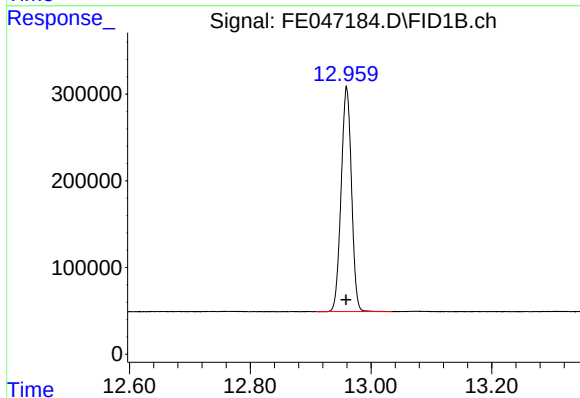
#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 3243113
Conc: 20.00 ug/ml



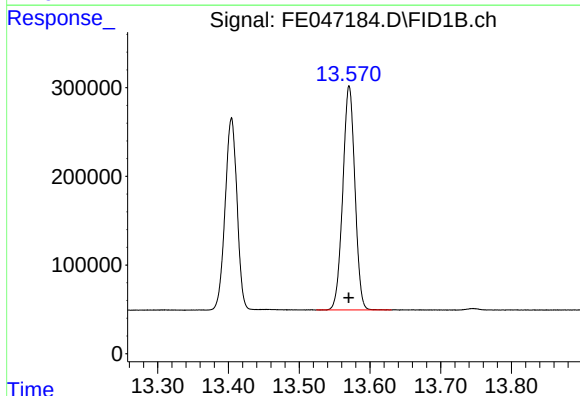
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 3354289
Conc: 20.12 ug/ml



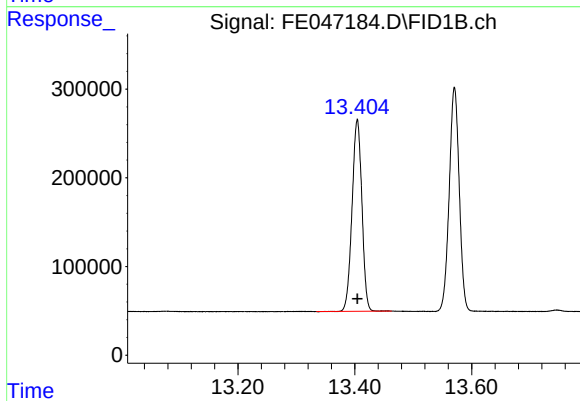
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 3087000
Conc: 19.94 ug/ml



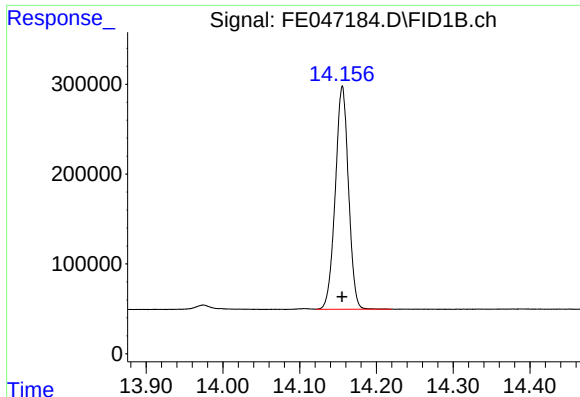
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 3003412
Conc: 19.98 ug/ml



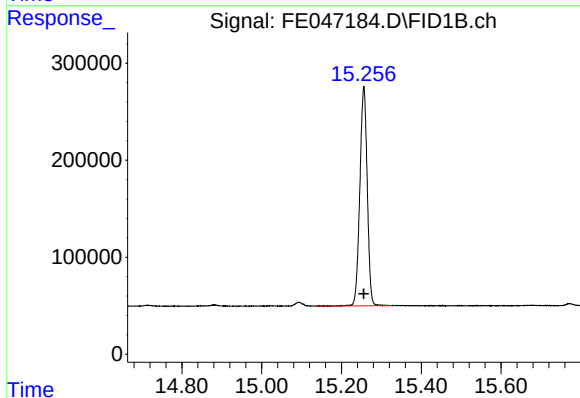
#12 1-chlorooctadecane (SURR)

R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 2529320
Conc: 19.83 ug/ml



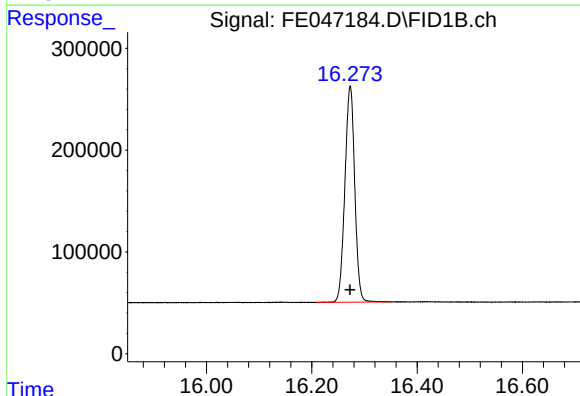
#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: 0.000 min
Response: 2966141
Conc: 19.89 ug/ml



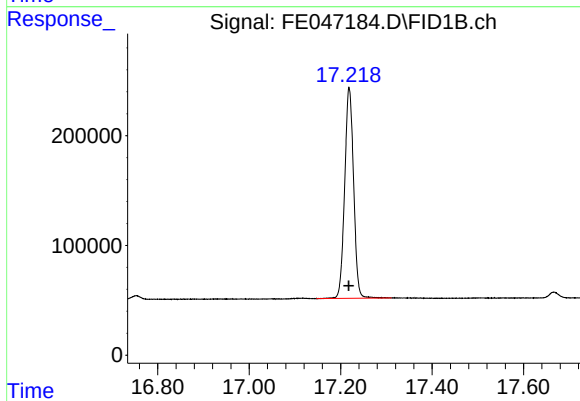
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: 0.000 min
Response: 2901266
Conc: 19.83 ug/ml



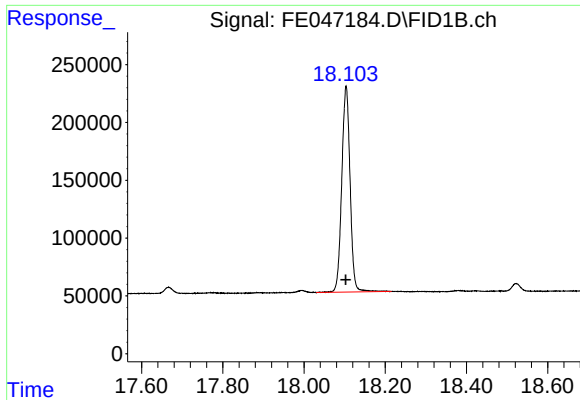
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: 0.000 min
Response: 2751776
Conc: 20.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: 0.000 min
Response: 2602763
Conc: 20.21 ug/ml



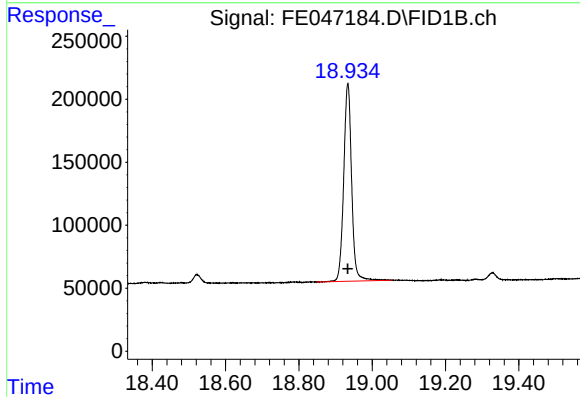
#17 n-Tricontane (C30)

R.T.: 18.104 min

Delta R.T.: 0.000 min

Response: 2542283

Conc: 19.51 ug/ml



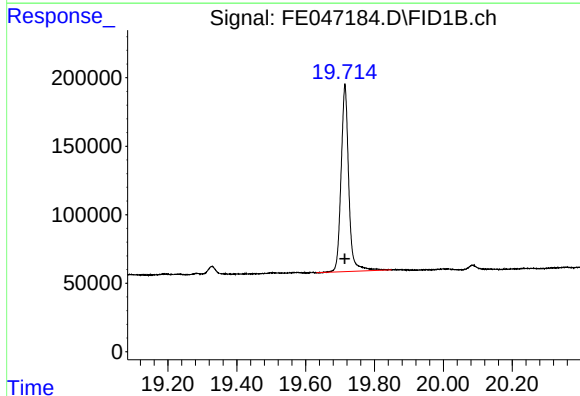
#18 n-Dotriacontane (C32)

R.T.: 18.934 min

Delta R.T.: 0.000 min

Response: 2356685

Conc: 20.27 ug/ml



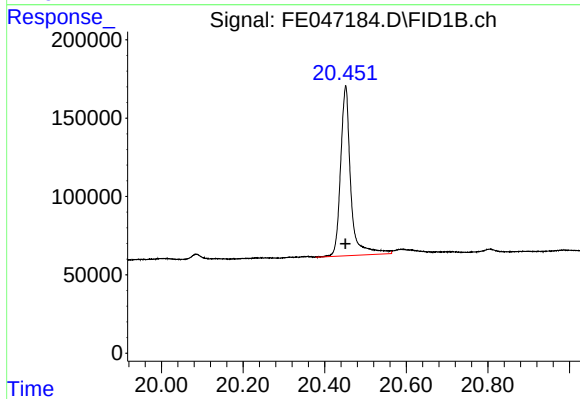
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min

Delta R.T.: 0.000 min

Response: 2110737

Conc: 20.79 ug/ml



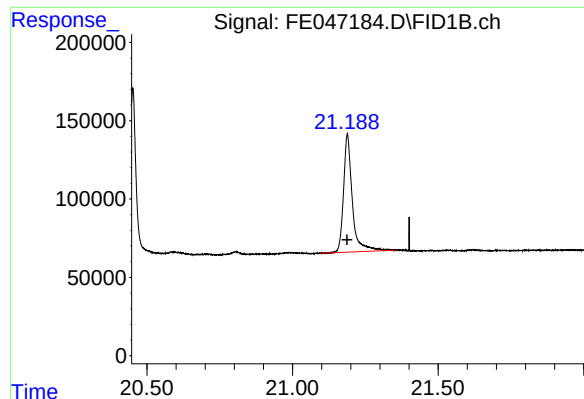
#20 n-Hexatriacontane (C36)

R.T.: 20.452 min

Delta R.T.: 0.000 min

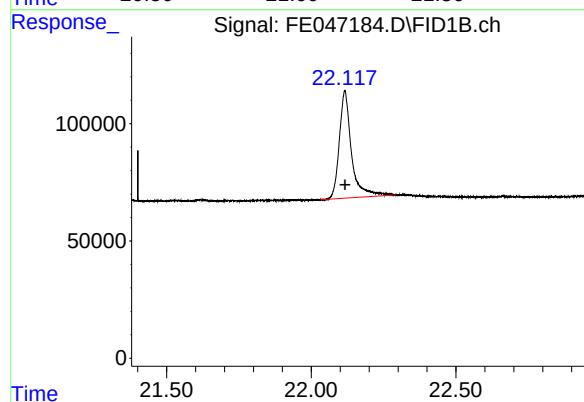
Response: 1868814

Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.000 min
Response: 1582722
Conc: 20.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.000 min
Response: 1341661
Conc: 19.40 ug/ml