

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043703.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2023 03:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 03 04:56:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 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)	11.942	4160205	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	13.381	3154070	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.329	3293676	20.396 ug/ml
2) T n-Decane (C10)	4.580	3372551	20.463 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3732314	20.499 ug/ml
4) T n-Dodecane (C12)	6.743	3421283	20.442 ug/ml
5) T A~2-methylnaphthalene...	7.373	3649074	20.497 ug/ml
6) T n-Tetradecane (C14)	8.570	3433564	20.379 ug/ml
7) T n-Hexadecane (C16)	10.180	3596514	20.388 ug/ml
8) T n-Octadecane (C18)	11.626	3688860	20.364 ug/ml
10) T n-Eicosane (C20)	12.936	3594786	20.313 ug/ml
11) T n-Heneicosane (C21)	13.549	3570034	20.163 ug/ml
13) T n-Docosane (C22)	14.136	3541883	20.193 ug/ml
14) T n-Tetracosane (C24)	15.240	3526371	20.070 ug/ml
15) T n-Hexacosane (C26)	16.263	3432747	19.861 ug/ml
16) T n-Octacosane (C28)	17.213	3271041	19.550 ug/ml
17) T n-Tricontane (C30)	18.102	3198156	19.309 ug/ml
18) T n-Dotriacontane (C32)	18.936	3035431	19.225 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2873587	19.338 ug/ml
20) T n-Hexatriacontane (C36)	20.462	2727134	19.510 ug/ml
21) T n-Octatriacontane (C38)	21.206	2665072	19.977 ug/ml
22) T n-Tetracontane (C40)	22.129	2657537	20.597 ug/ml

(f)=RT Delta > 1/2 Window

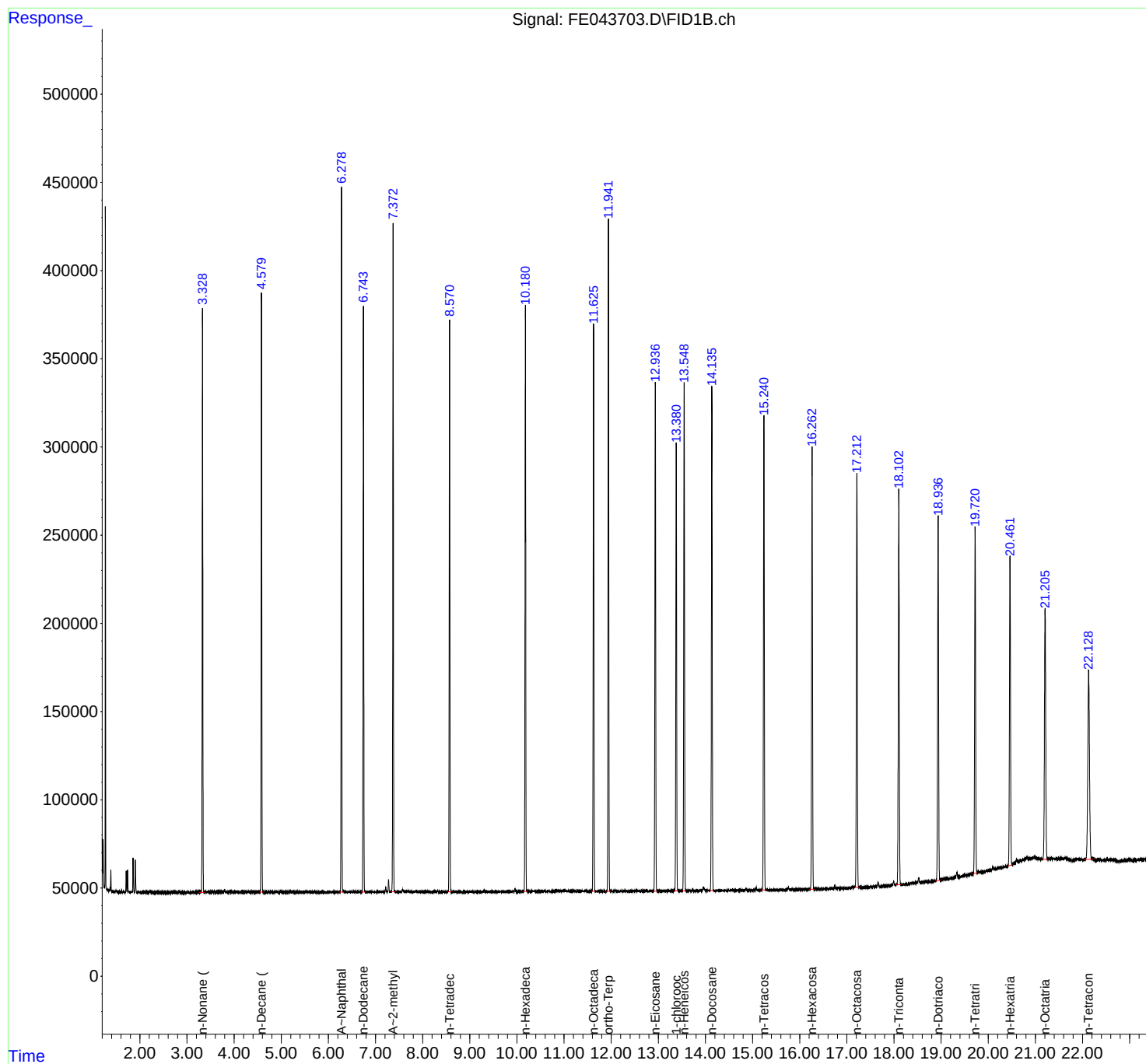
(m)=manual int.

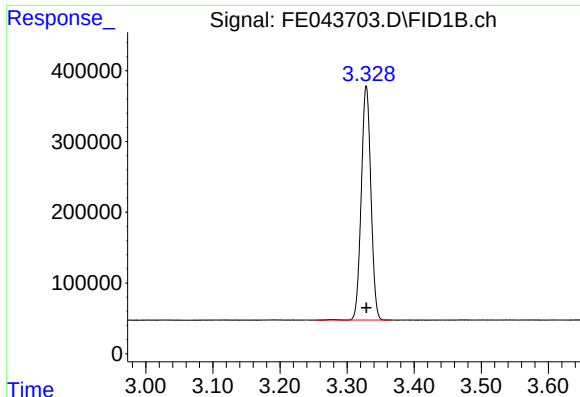
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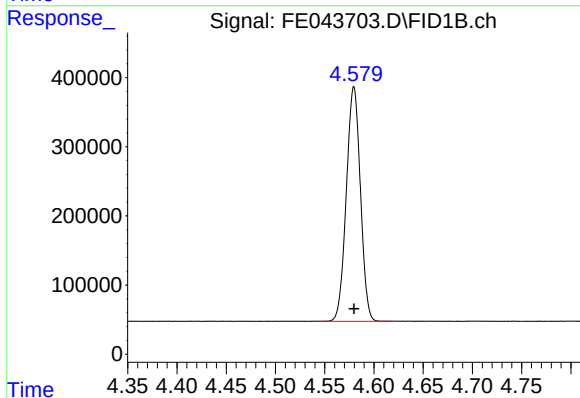




#1 n-Nonane (C9)

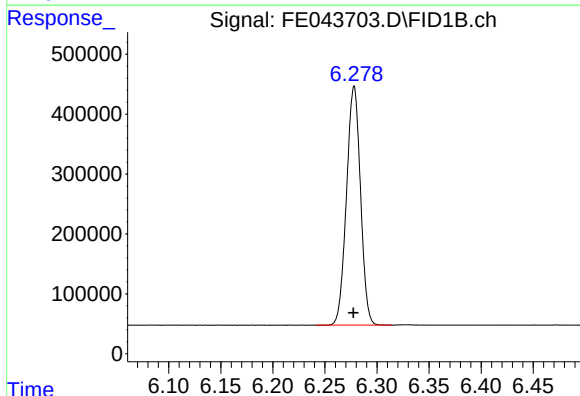
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3293676
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



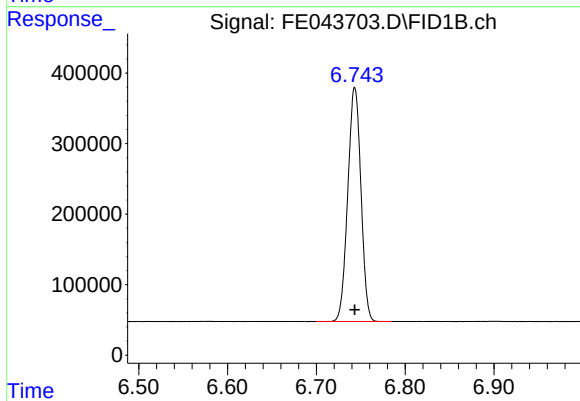
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3372551
Conc: 20.46 ug/ml



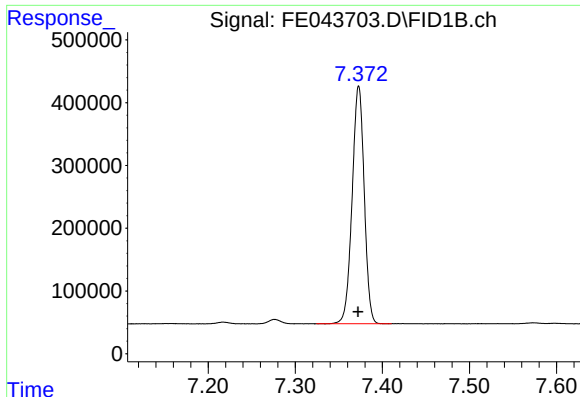
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 3732314
Conc: 20.50 ug/ml



#4 n-Dodecane (C12)

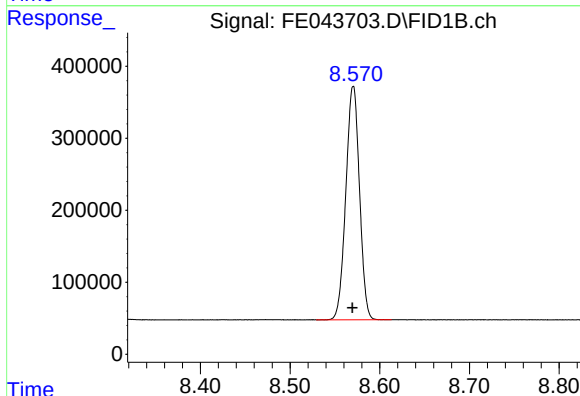
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3421283
Conc: 20.44 ug/ml



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

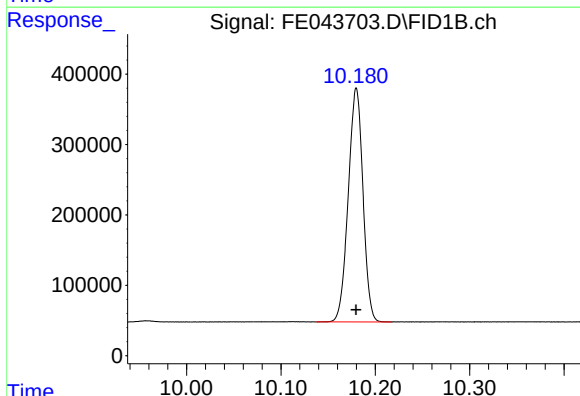
R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 3649074
Conc: 20.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



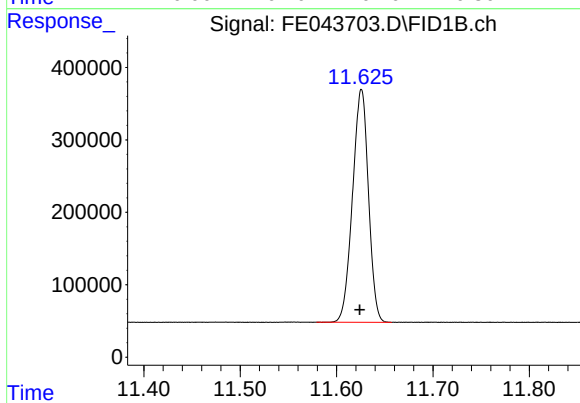
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3433564
Conc: 20.38 ug/ml



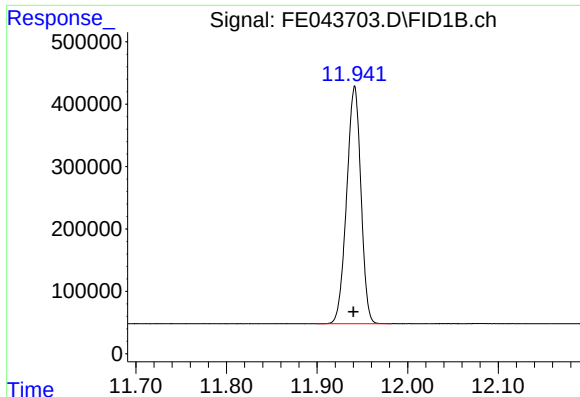
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 3596514
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

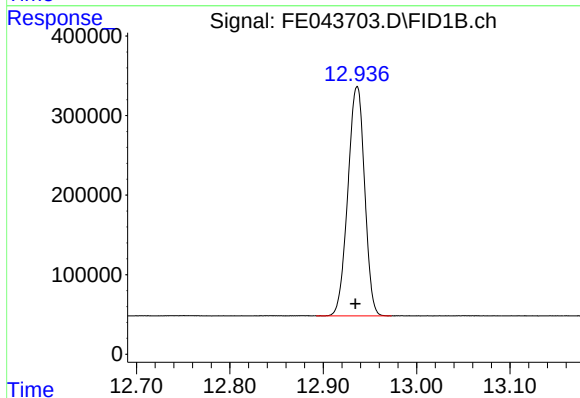
R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 3688860
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

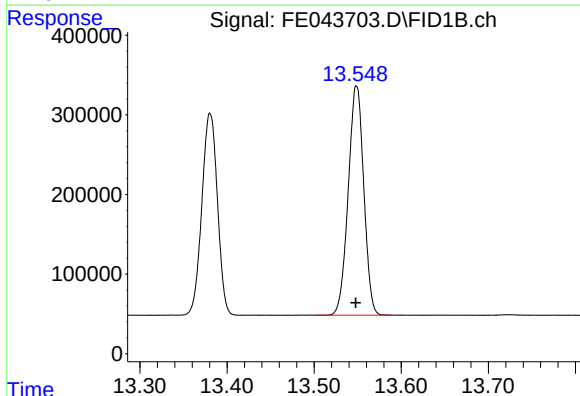
R.T.: 11.942 min
Delta R.T.: 0.001 min
Response: 4160205
Conc: 20.19 ug/ml

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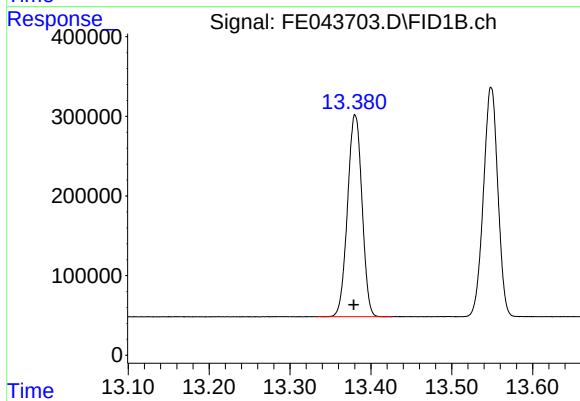
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: 0.002 min
Response: 3594786
Conc: 20.31 ug/ml



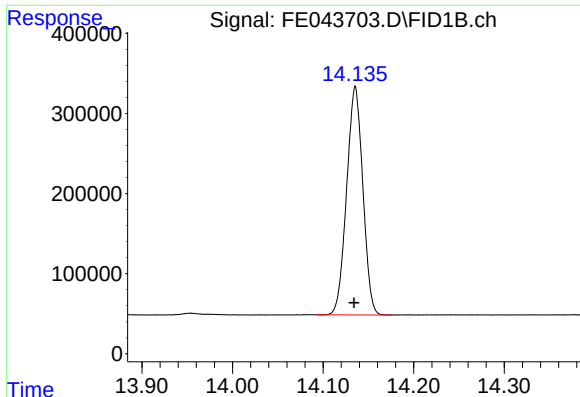
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 3570034
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

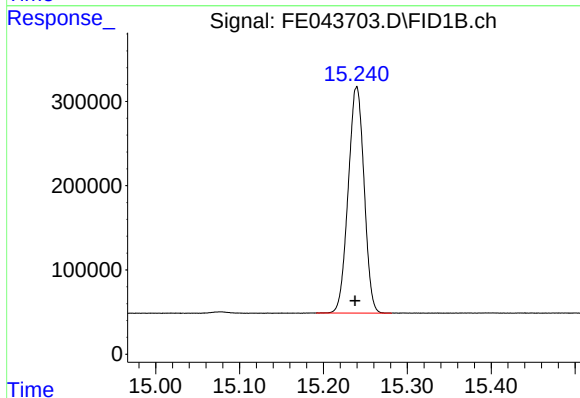
R.T.: 13.381 min
Delta R.T.: 0.002 min
Response: 3154070
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

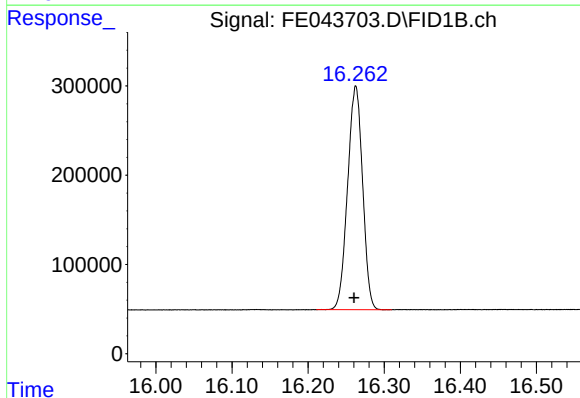
R.T.: 14.136 min
Delta R.T.: 0.001 min
Response: 3541883
Conc: 20.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



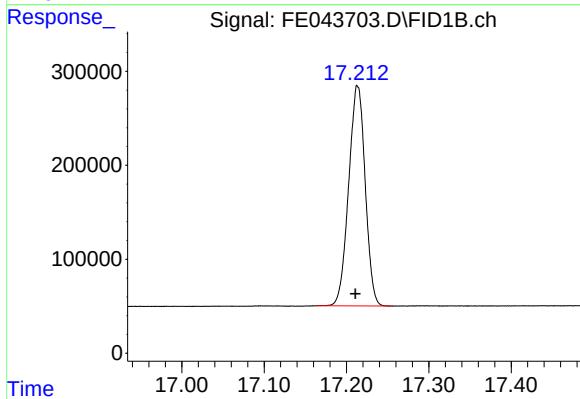
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: 0.002 min
Response: 3526371
Conc: 20.07 ug/ml



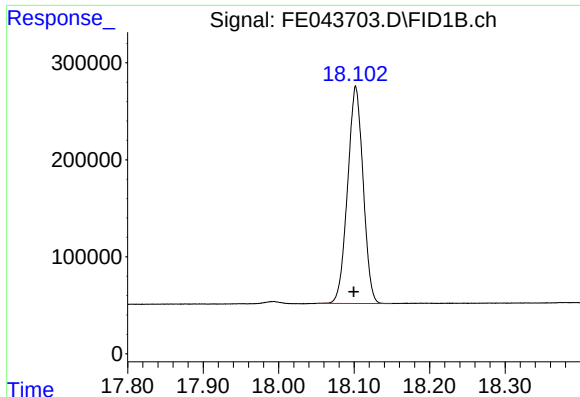
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.002 min
Response: 3432747
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

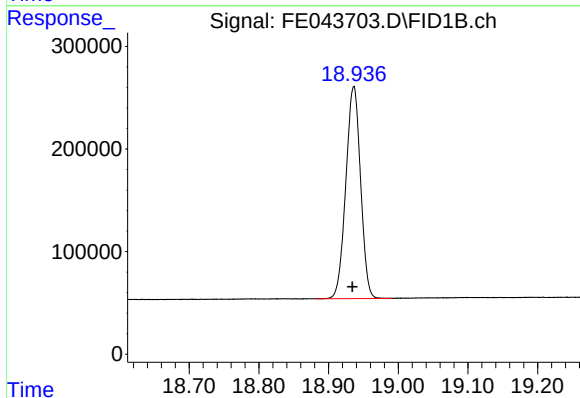
R.T.: 17.213 min
Delta R.T.: 0.003 min
Response: 3271041
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

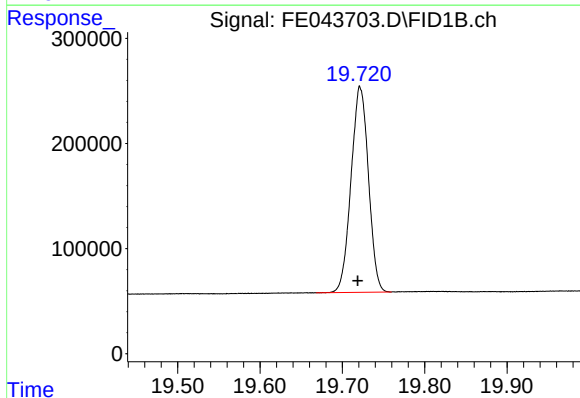
R.T.: 18.102 min
Delta R.T.: 0.003 min
Response: 3198156
Conc: 19.31 ug/ml

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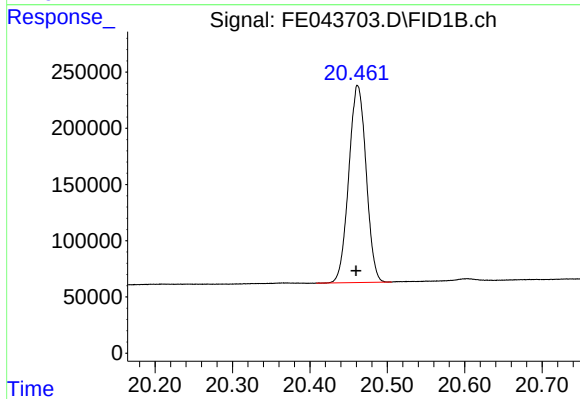
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.002 min
Response: 3035431
Conc: 19.22 ug/ml



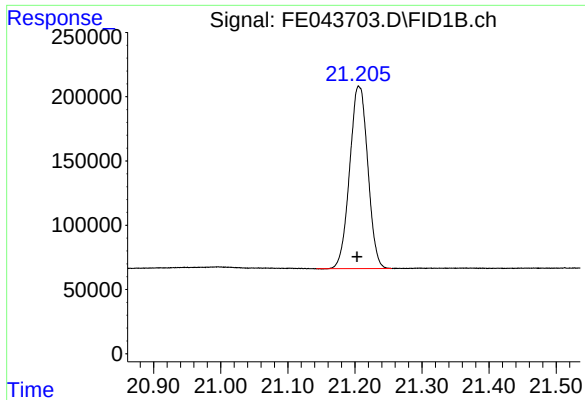
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.003 min
Response: 2873587
Conc: 19.34 ug/ml



#20 n-Hexatriacontane (C36)

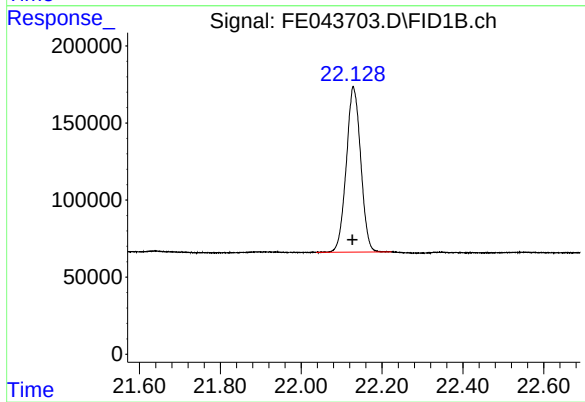
R.T.: 20.462 min
Delta R.T.: 0.002 min
Response: 2727134
Conc: 19.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: 0.002 min
Response: 2665072
Conc: 19.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.002 min
Response: 2657537
Conc: 20.60 ug/ml