

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102723AL\
 Data File : FE045065.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2023 13:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 13:43:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.896	3381458	16.868 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
12) S 1-chlorooctadecane (S...	13.339	2450278	16.558 ug/ml
Spiked Amount 50.000		Recovery =	33.12%
Target Compounds			
1) T n-Nonane (C9)	3.275	2727880	16.261 ug/ml
2) T n-Decane (C10)	4.527	2807100	16.478 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3032144	16.380 ug/ml
4) T n-Dodecane (C12)	6.694	2854326	16.535 ug/ml
5) T A~2-methylnaphthalene...	7.325	2942613	16.312 ug/ml
6) T n-Tetradecane (C14)	8.523	2860456	16.681 ug/ml
7) T n-Hexadecane (C16)	10.136	2920737	16.702 ug/ml
8) T n-Octadecane (C18)	11.582	2963683	16.992 ug/ml
10) T n-Eicosane (C20)	12.895	2852622	17.079 ug/ml
11) T n-Heneicosane (C21)	13.508	2756431	16.909 ug/ml
13) T n-Docosane (C22)	14.095	2787774	17.429 ug/ml
14) T n-Tetracosane (C24)	15.202	2845018	18.332 ug/ml
15) T n-Hexacosane (C26)	16.224	2890316	19.251 ug/ml
16) T n-Octacosane (C28)	17.176	3013319	20.521 ug/ml
17) T n-Tricontane (C30)	18.067	3190430	21.451 ug/ml
18) T n-Dotriacontane (C32)	18.901	3248006	21.640 ug/ml
19) T n-Tetratriacontane (C34)	19.686	3134867	21.059 ug/ml
20) T n-Hexatriacontane (C36)	20.427	3361612	21.865 ug/ml
21) T n-Octatriacontane (C38)	21.165	3593834	23.006 ug/ml
22) T n-Tetracontane (C40)	22.085	3039077	18.185 ug/ml

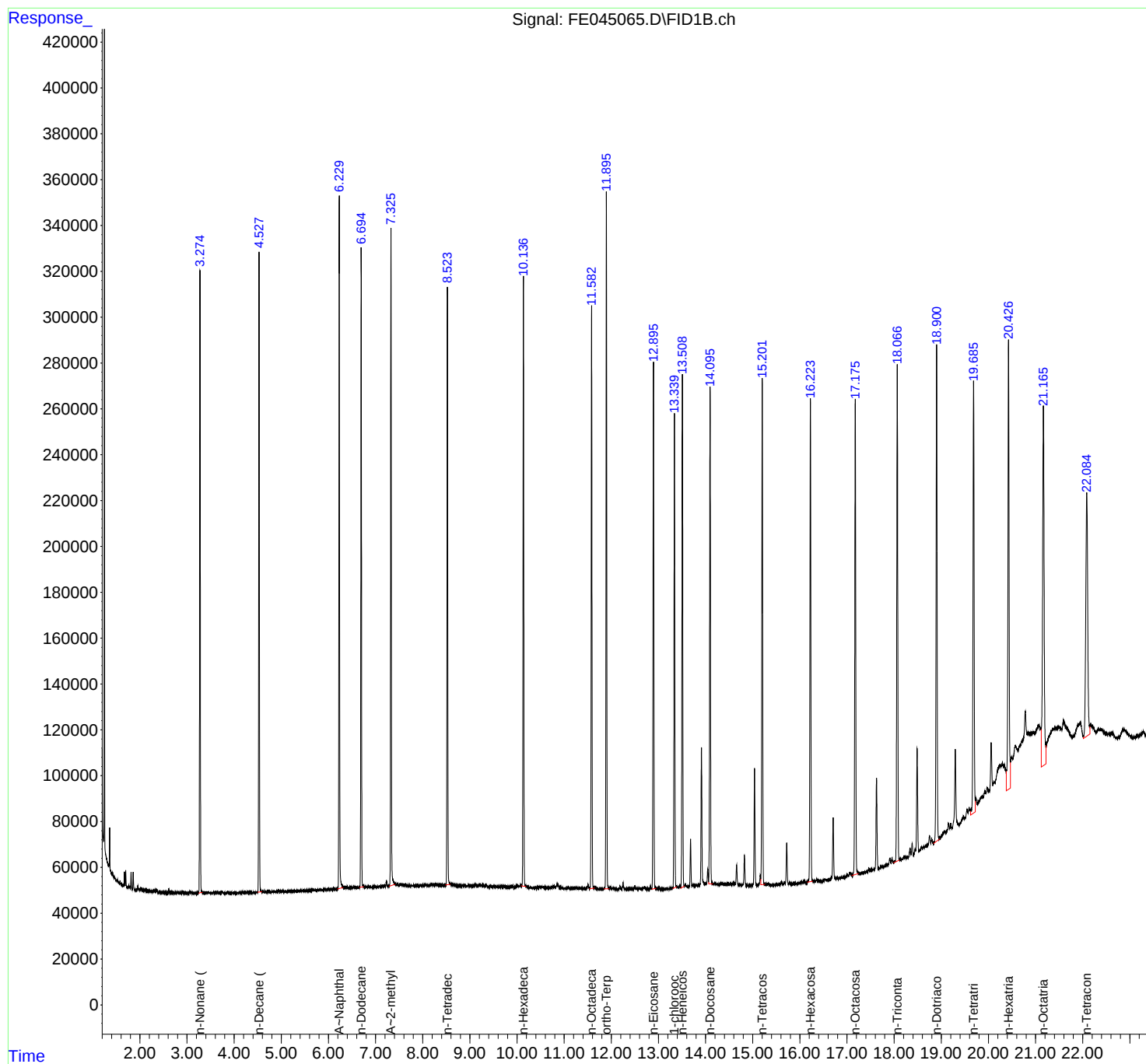
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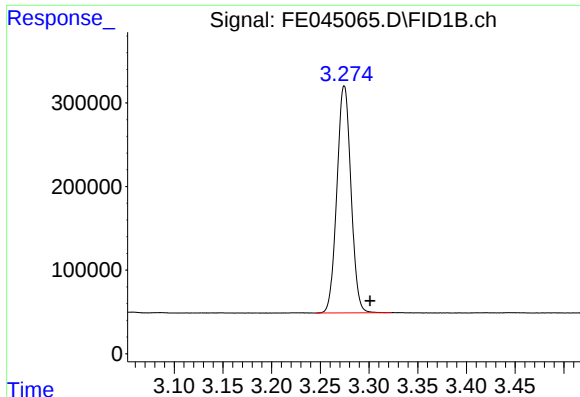
(m)=manual int.

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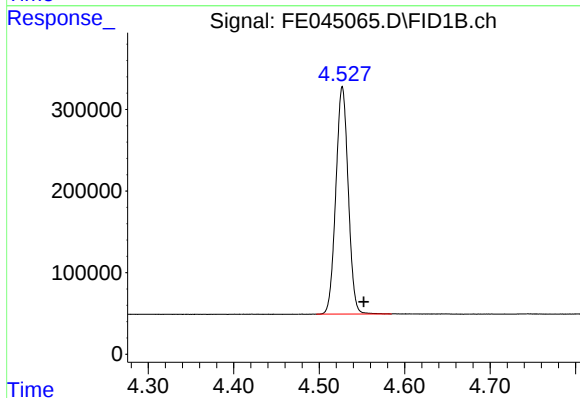
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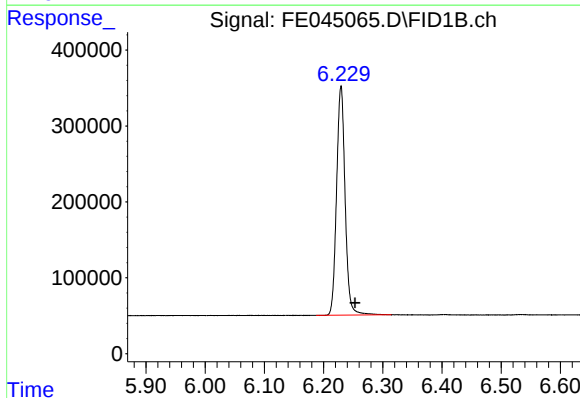
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.026 min
Response: 2727880
Conc: 16.26 ug/ml



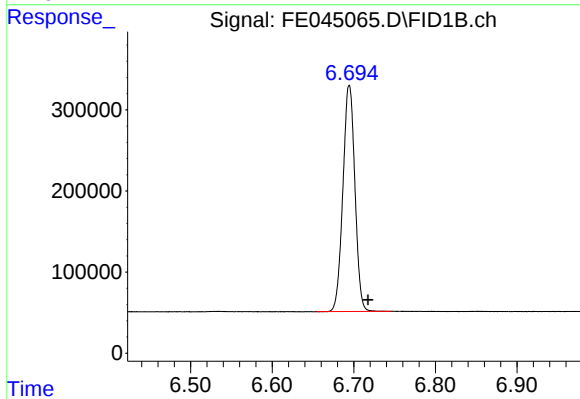
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: -0.025 min
Response: 2807100
Conc: 16.48 ug/ml



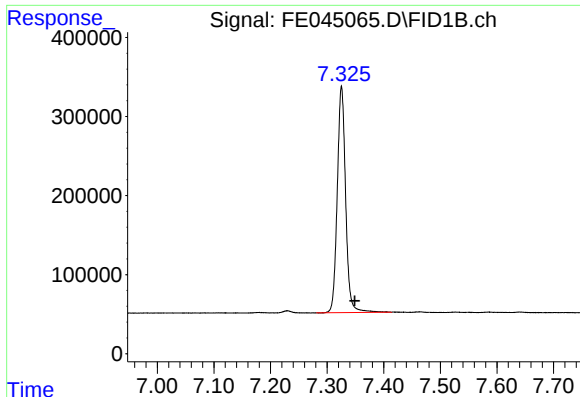
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.024 min
Response: 3032144
Conc: 16.38 ug/ml



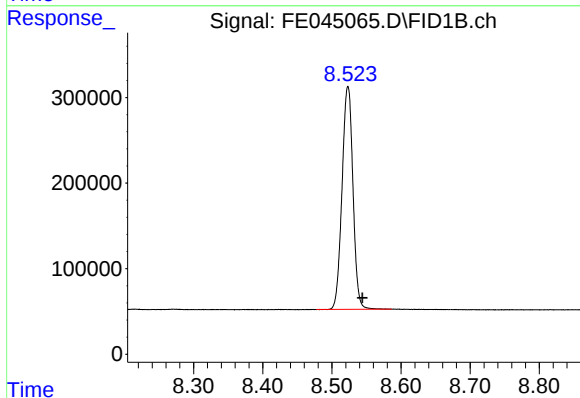
#4 n-Dodecane (C12)

R.T.: 6.694 min
Delta R.T.: -0.023 min
Response: 2854326
Conc: 16.54 ug/ml



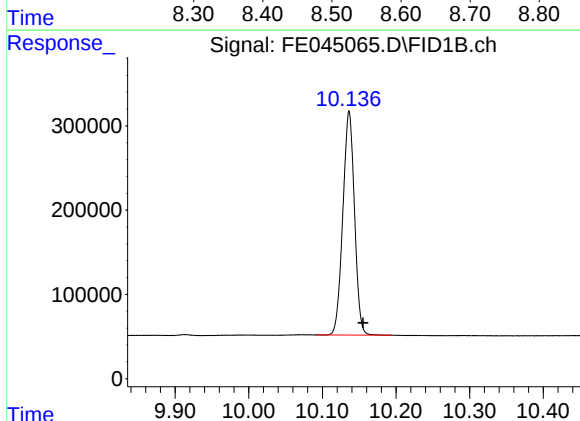
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: -0.023 min
Response: 2942613
Conc: 16.31 ug/ml



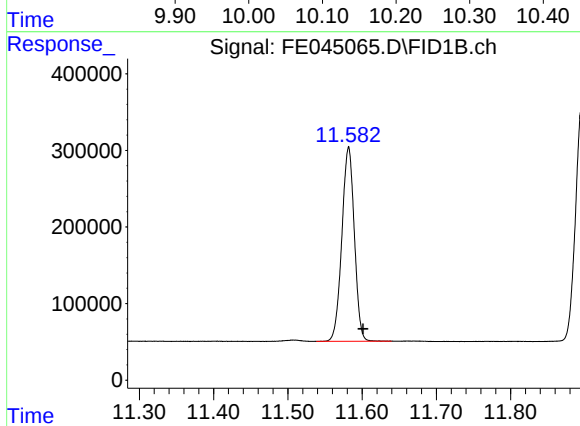
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.021 min
Response: 2860456
Conc: 16.68 ug/ml



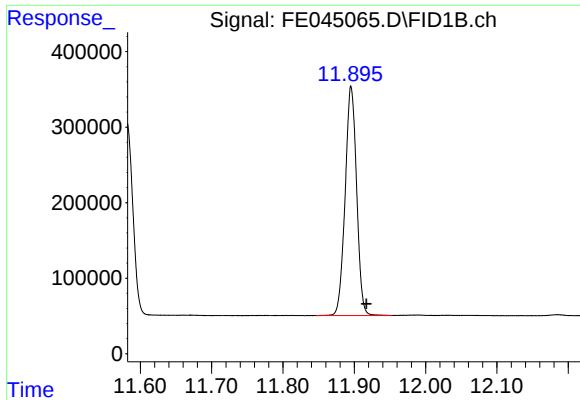
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.019 min
Response: 2920737
Conc: 16.70 ug/ml



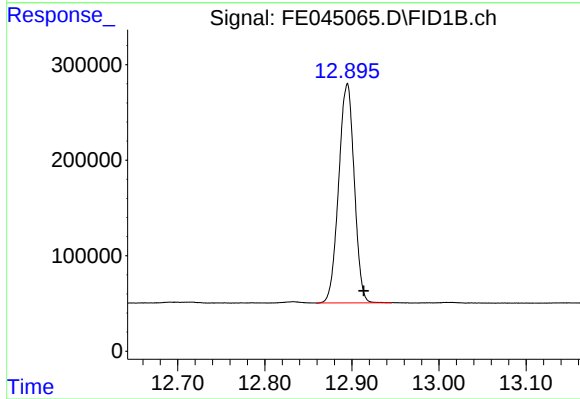
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.019 min
Response: 2963683
Conc: 16.99 ug/ml



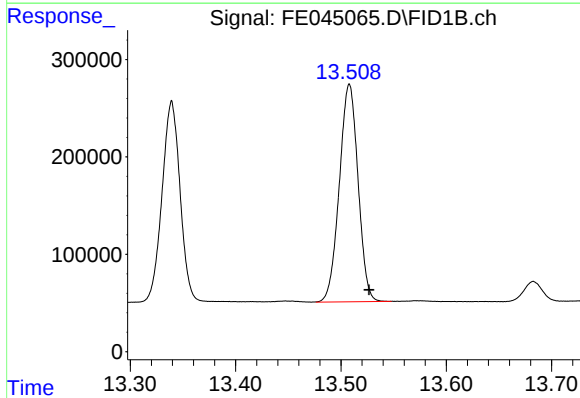
#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: -0.021 min
Response: 3381458
Conc: 16.87 ug/ml



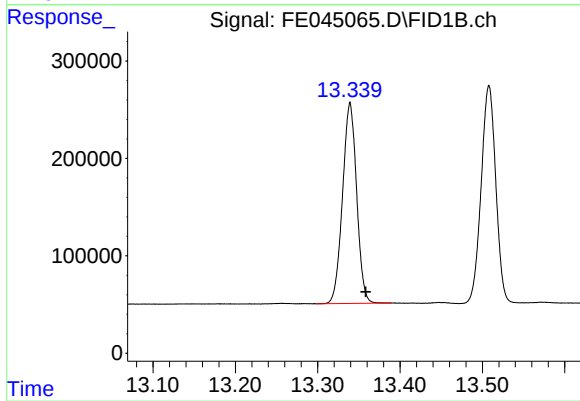
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.019 min
Response: 2852622
Conc: 17.08 ug/ml



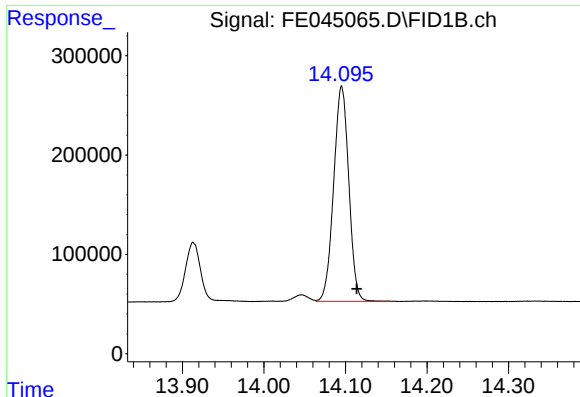
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.018 min
Response: 2756431
Conc: 16.91 ug/ml



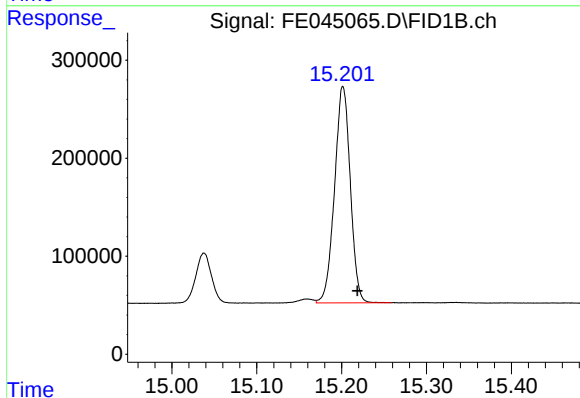
#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.019 min
Response: 2450278
Conc: 16.56 ug/ml



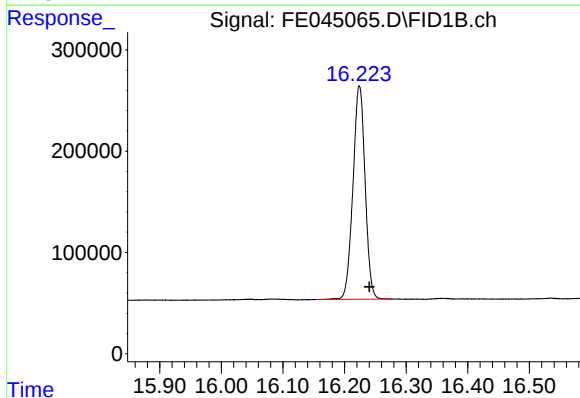
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: -0.019 min
Response: 2787774
Conc: 17.43 ug/ml



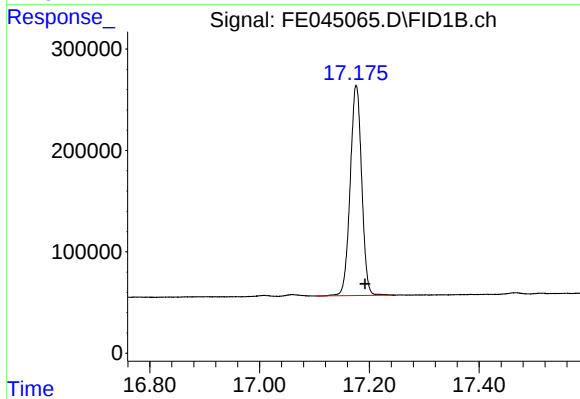
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.017 min
Response: 2845018
Conc: 18.33 ug/ml



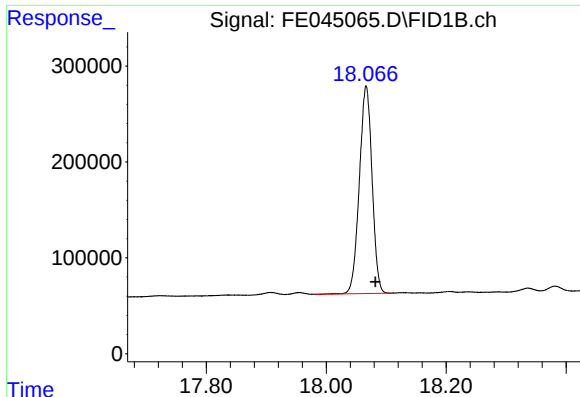
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.016 min
Response: 2890316
Conc: 19.25 ug/ml



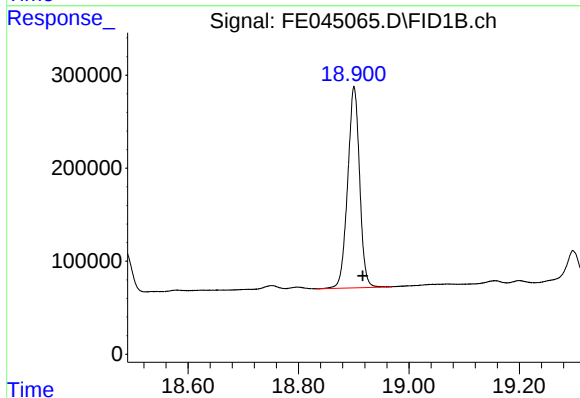
#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.016 min
Response: 3013319
Conc: 20.52 ug/ml



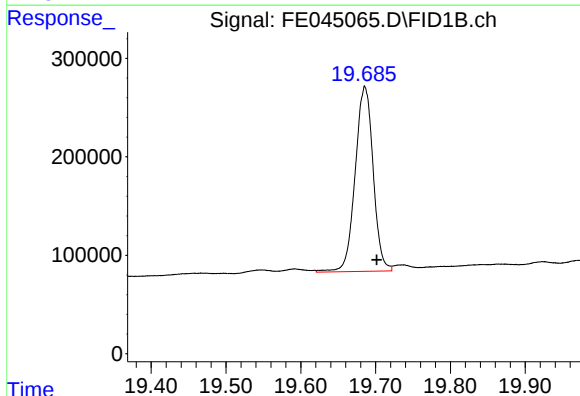
#17 n-Tricontane (C30)

R.T.: 18.067 min
Delta R.T.: -0.015 min
Response: 3190430
Conc: 21.45 ug/ml



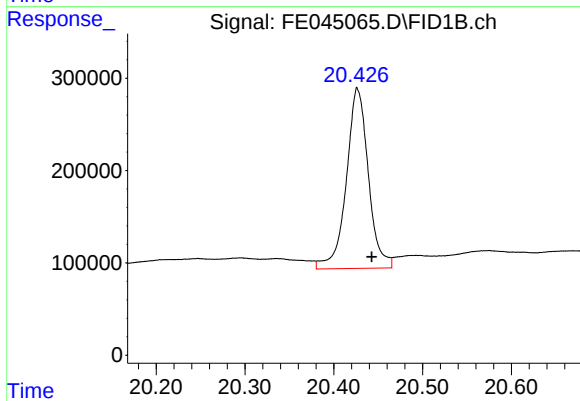
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.016 min
Response: 3248006
Conc: 21.64 ug/ml



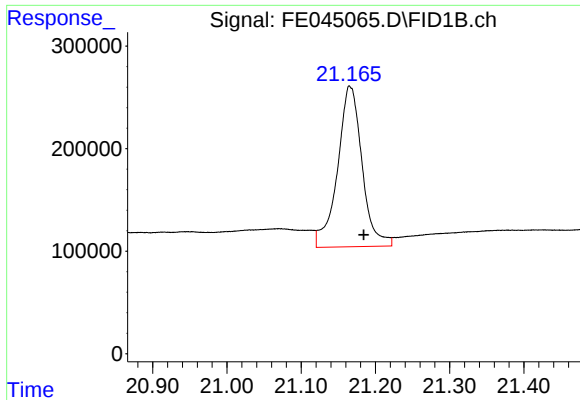
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.016 min
Response: 3134867
Conc: 21.06 ug/ml



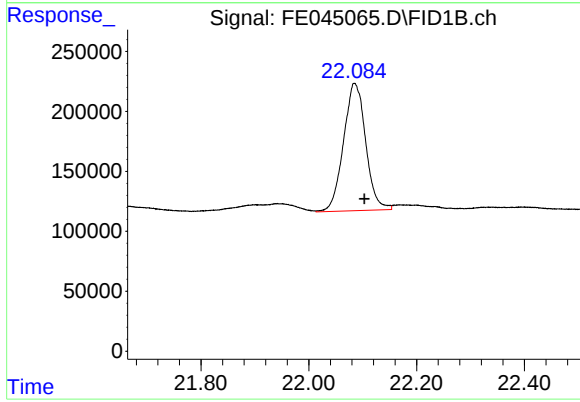
#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: -0.016 min
Response: 3361612
Conc: 21.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: -0.019 min
Response: 3593834
Conc: 23.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: -0.019 min
Response: 3039077
Conc: 18.18 ug/ml