

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012324AL\
 Data File : FE046349.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2024 10:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 00:00:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.823	3890370	21.408 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
12) S 1-chlorooctadecane (S...	13.265	2831544	21.193 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
Target Compounds			
1) T n-Nonane (C9)	3.211	3119338	20.382 ug/mlm
2) T n-Decane (C10)	4.463	3201098	20.626 ug/ml
3) T A~Naphthalene (C11.7)	6.166	3359961	20.203 ug/ml
4) T n-Dodecane (C12)	6.629	3235213	20.720 ug/ml
5) T A~2-methylnaphthalene...	7.262	3247424	20.397 ug/ml
6) T n-Tetradecane (C14)	8.455	3212452	20.623 ug/ml
7) T n-Hexadecane (C16)	10.065	3287265	20.759 ug/ml
8) T n-Octadecane (C18)	11.509	3308090	21.018 ug/ml
10) T n-Eicosane (C20)	12.819	3211923	21.232 ug/ml
11) T n-Heneicosane (C21)	13.432	3142605	21.371 ug/ml
13) T n-Docosane (C22)	14.020	3128482	21.403 ug/ml
14) T n-Tetracosane (C24)	15.124	3113265	21.466 ug/ml
15) T n-Hexacosane (C26)	16.148	3042997	21.225 ug/ml
16) T n-Octacosane (C28)	17.100	3003817	20.944 ug/ml
17) T n-Tricontane (C30)	17.990	3126092	21.032 ug/ml
18) T n-Dotriacontane (C32)	18.825	3124188	20.889 ug/ml
19) T n-Tetratriacontane (C34)	19.612	3051536	21.301 ug/ml
20) T n-Hexatriacontane (C36)	20.353	3002486	20.593 ug/mlm
21) T n-Octatriacontane (C38)	21.083	3055054	20.718 ug/mlm
22) T n-Tetracontane (C40)	21.973	3094899	19.772 ug/ml

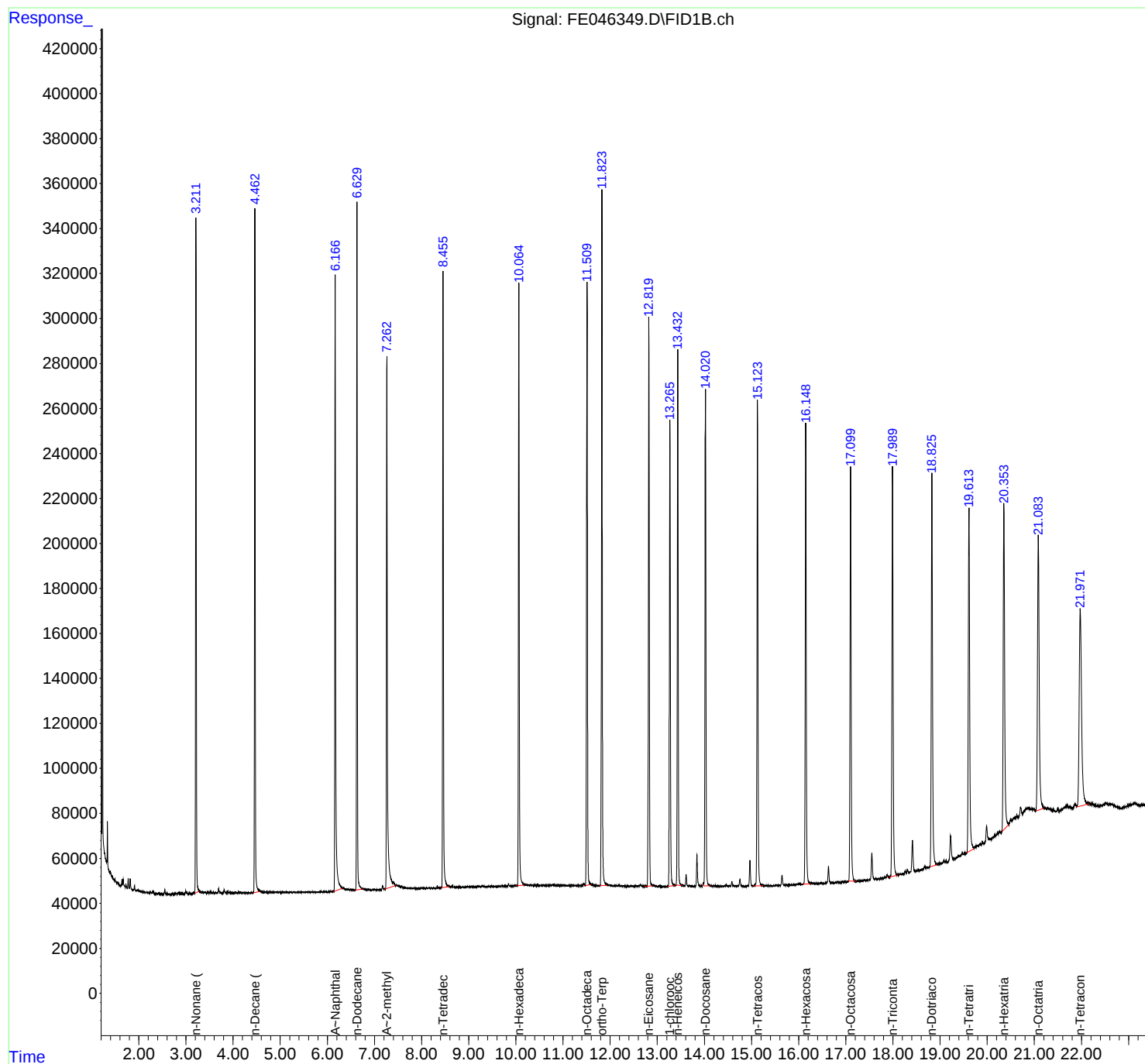
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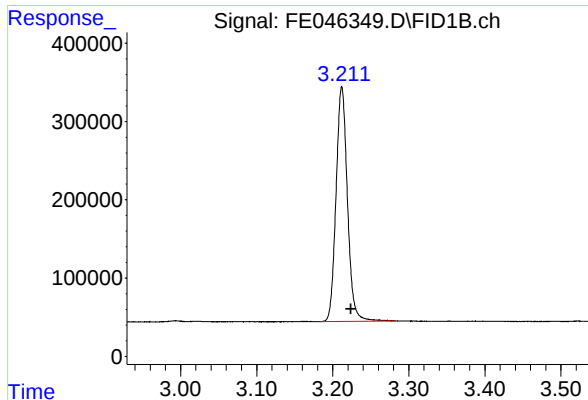
(m)=manual int.

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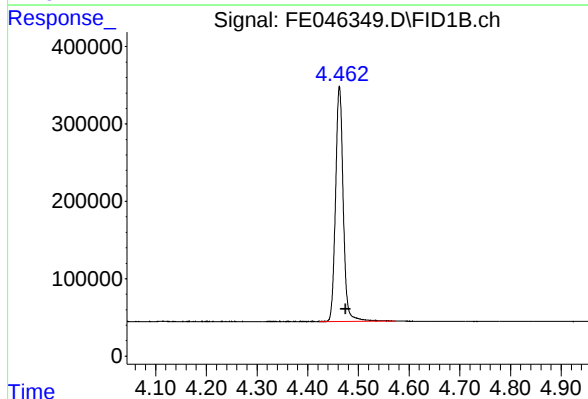
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Signal Info : 20M x 0.18mm x 0.18um





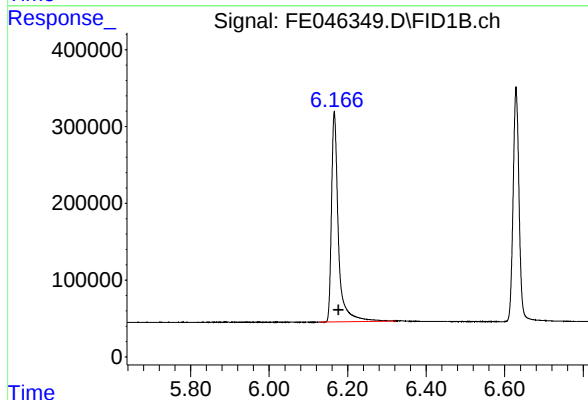
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.013 min
Response: 3119338
Conc: 20.38 ug/ml m



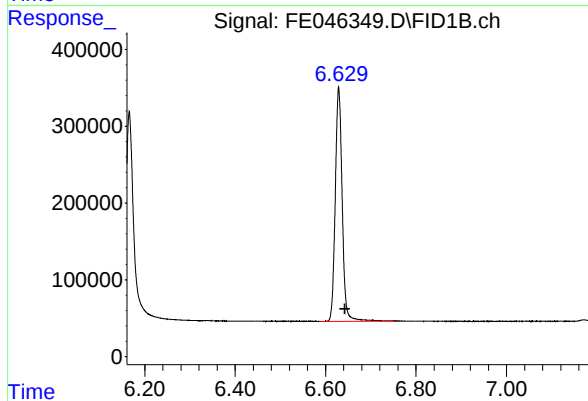
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.012 min
Response: 3201098
Conc: 20.63 ug/ml



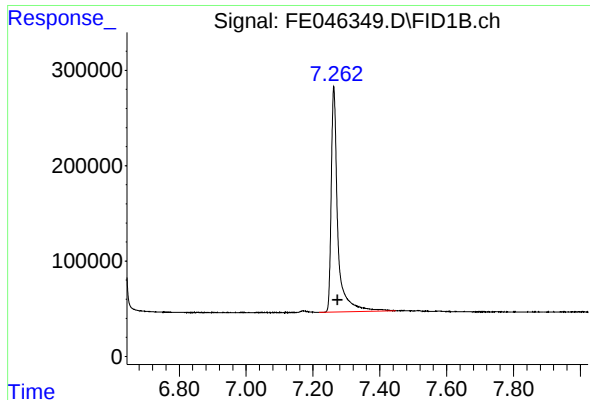
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.011 min
Response: 3359961
Conc: 20.20 ug/ml



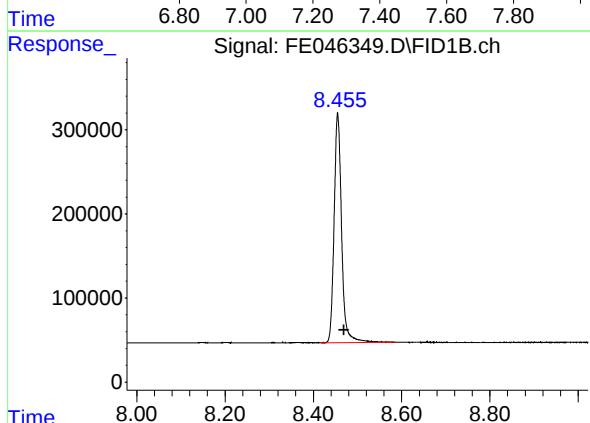
#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: -0.014 min
Response: 3235213
Conc: 20.72 ug/ml



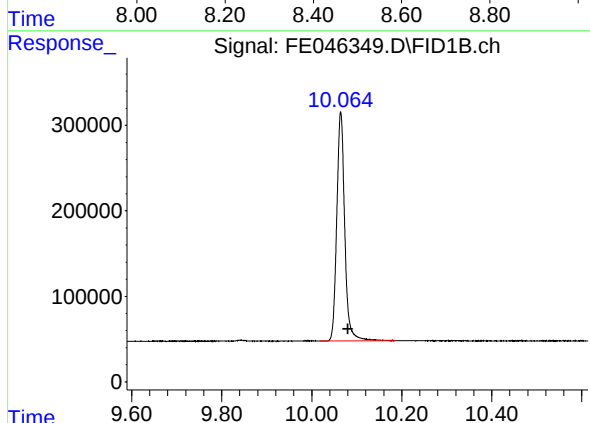
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.012 min
Response: 3247424
Conc: 20.40 ug/ml



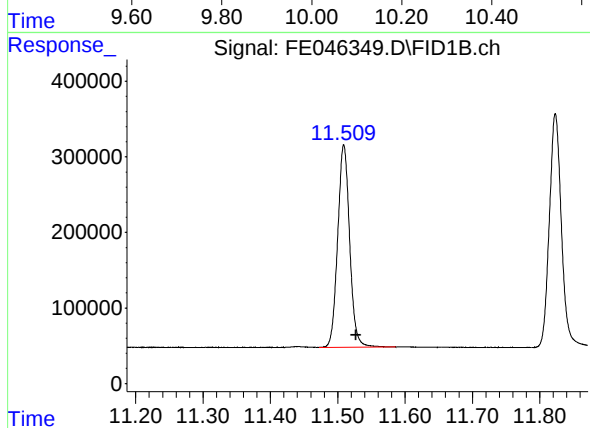
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: -0.015 min
Response: 3212452
Conc: 20.62 ug/ml



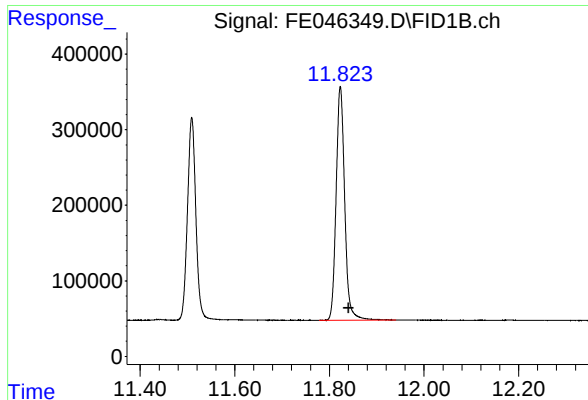
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.016 min
Response: 3287265
Conc: 20.76 ug/ml



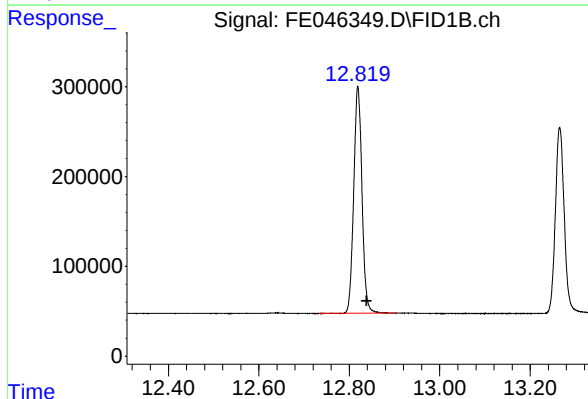
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: -0.018 min
Response: 3308090
Conc: 21.02 ug/ml



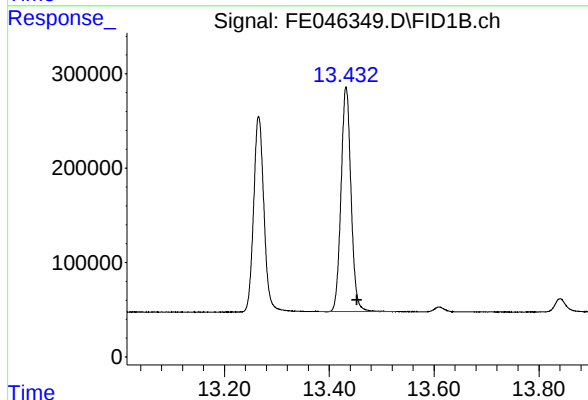
#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: -0.017 min
Response: 3890370
Conc: 21.41 ug/ml



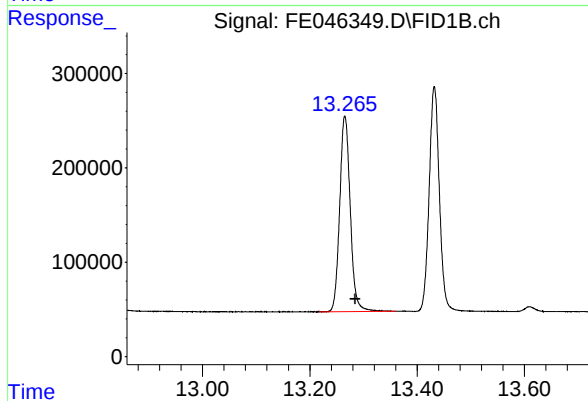
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: -0.020 min
Response: 3211923
Conc: 21.23 ug/ml



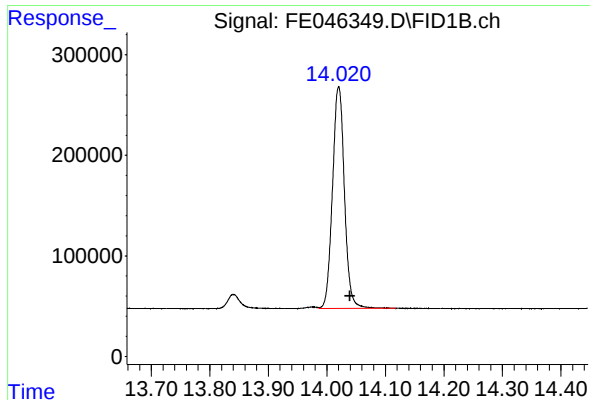
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: -0.020 min
Response: 3142605
Conc: 21.37 ug/ml



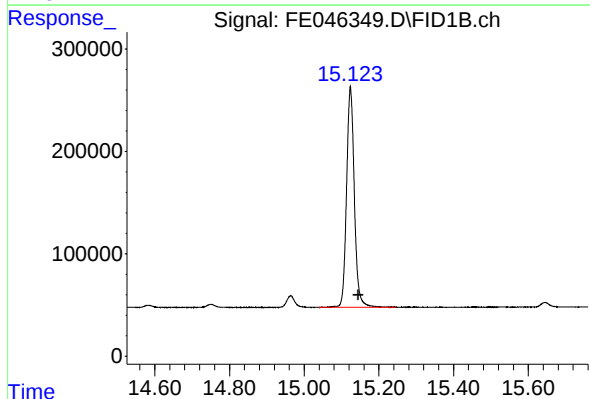
#12 1-chlorooctadecane (SURR)

R.T.: 13.265 min
Delta R.T.: -0.019 min
Response: 2831544
Conc: 21.19 ug/ml



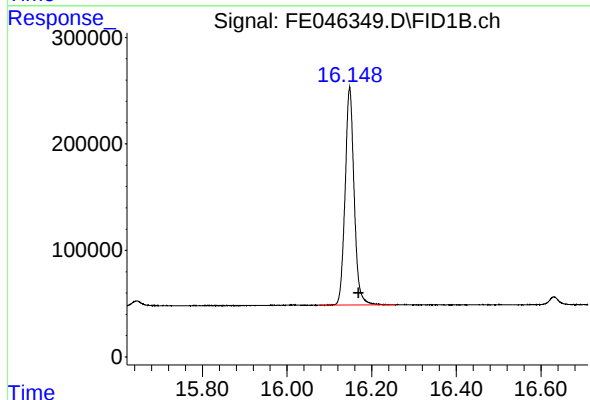
#13 n-Docosane (C22)

R.T.: 14.020 min
Delta R.T.: -0.019 min
Response: 3128482
Conc: 21.40 ug/ml



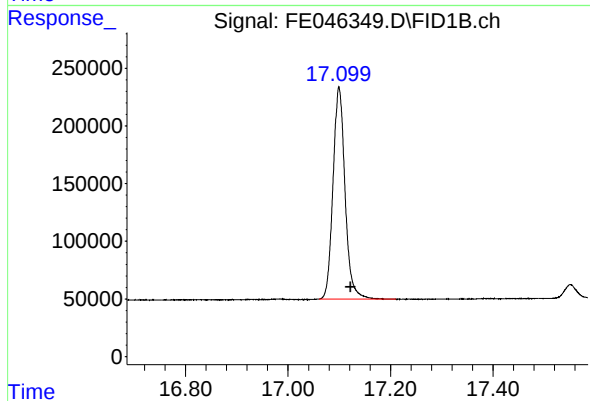
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: -0.022 min
Response: 3113265
Conc: 21.47 ug/ml



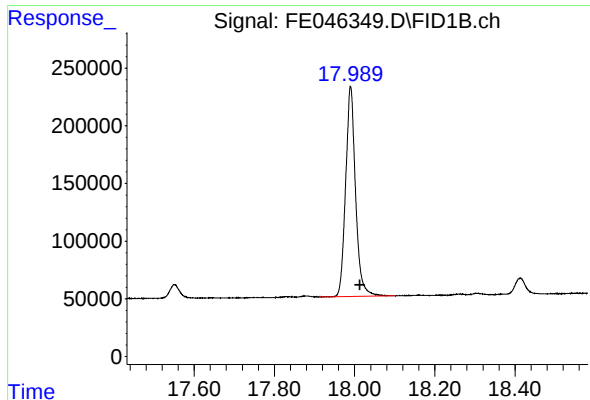
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: -0.022 min
Response: 3042997
Conc: 21.23 ug/ml



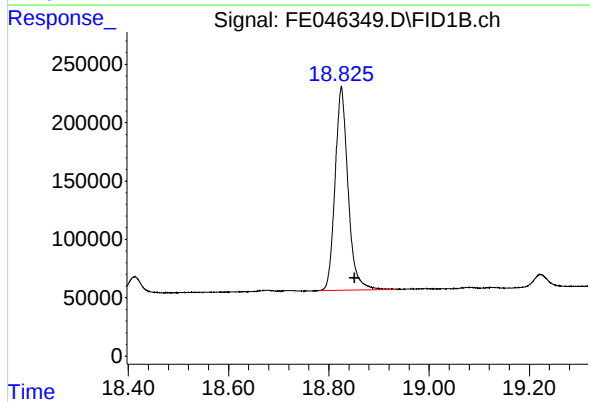
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.023 min
Response: 3003817
Conc: 20.94 ug/ml



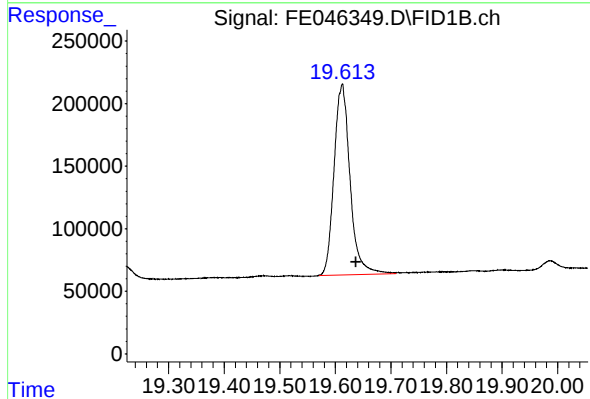
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.024 min
Response: 3126092
Conc: 21.03 ug/ml



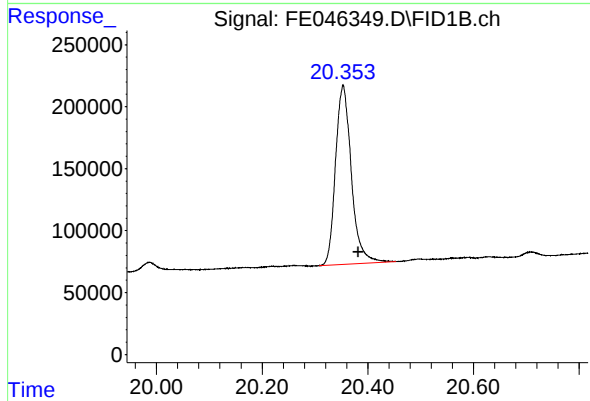
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.026 min
Response: 3124188
Conc: 20.89 ug/ml



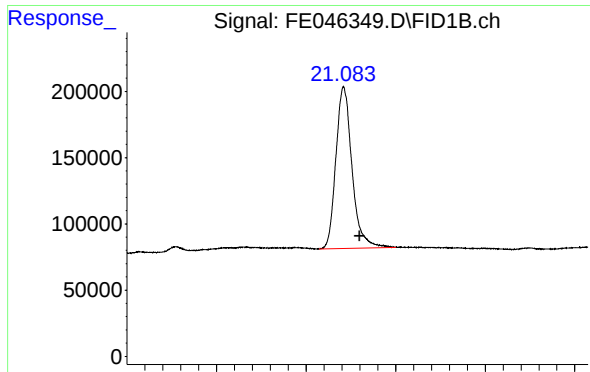
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.024 min
Response: 3051536
Conc: 21.30 ug/ml



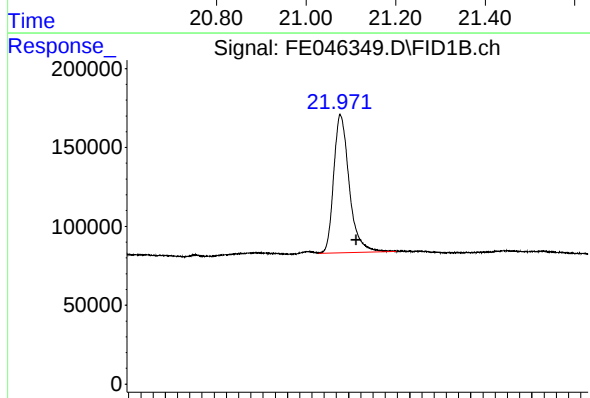
#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.029 min
Response: 3002486
Conc: 20.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.037 min
Response: 3055054
Conc: 20.72 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: -0.052 min
Response: 3094899
Conc: 19.77 ug/ml