

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012324AL\
 Data File : FE046367.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2024 21:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 00:03:57 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)	11.822	3959258	21.787 ug/ml
Spiked Amount 50.000		Recovery =	43.57%
12) S 1-chlorooctadecane (S...	13.264	2900611	21.709 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
Target Compounds			
1) T n-Nonane (C9)	3.211	3137857	20.503 ug/ml
2) T n-Decane (C10)	4.461	3223561	20.771 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3392974	20.402 ug/ml
4) T n-Dodecane (C12)	6.628	3260710	20.884 ug/ml
5) T A~2-methylnaphthalene...	7.261	3275776	20.575 ug/ml
6) T n-Tetradecane (C14)	8.453	3240631	20.804 ug/ml
7) T n-Hexadecane (C16)	10.064	3270114	20.650 ug/ml
8) T n-Octadecane (C18)	11.507	3382246	21.489 ug/ml
10) T n-Eicosane (C20)	12.818	3276295	21.657 ug/ml
11) T n-Heneicosane (C21)	13.431	3208815	21.821 ug/ml
13) T n-Docosane (C22)	14.018	3193839	21.850 ug/ml
14) T n-Tetracosane (C24)	15.122	3163995	21.816 ug/ml
15) T n-Hexacosane (C26)	16.144	3087828	21.538 ug/ml
16) T n-Octacosane (C28)	17.095	3029837	21.126 ug/ml
17) T n-Tricontane (C30)	17.987	3182904	21.414 ug/ml
18) T n-Dotriacontane (C32)	18.820	3175631	21.233 ug/ml
19) T n-Tetratriacontane (C34)	19.607	3064572	21.392 ug/ml
20) T n-Hexatriacontane (C36)	20.349	2133935	14.636 ug/ml
21) T n-Octatriacontane (C38)	21.078	2861813	19.408 ug/ml
22) T n-Tetracontane (C40)	21.967	3292621	21.036 ug/ml

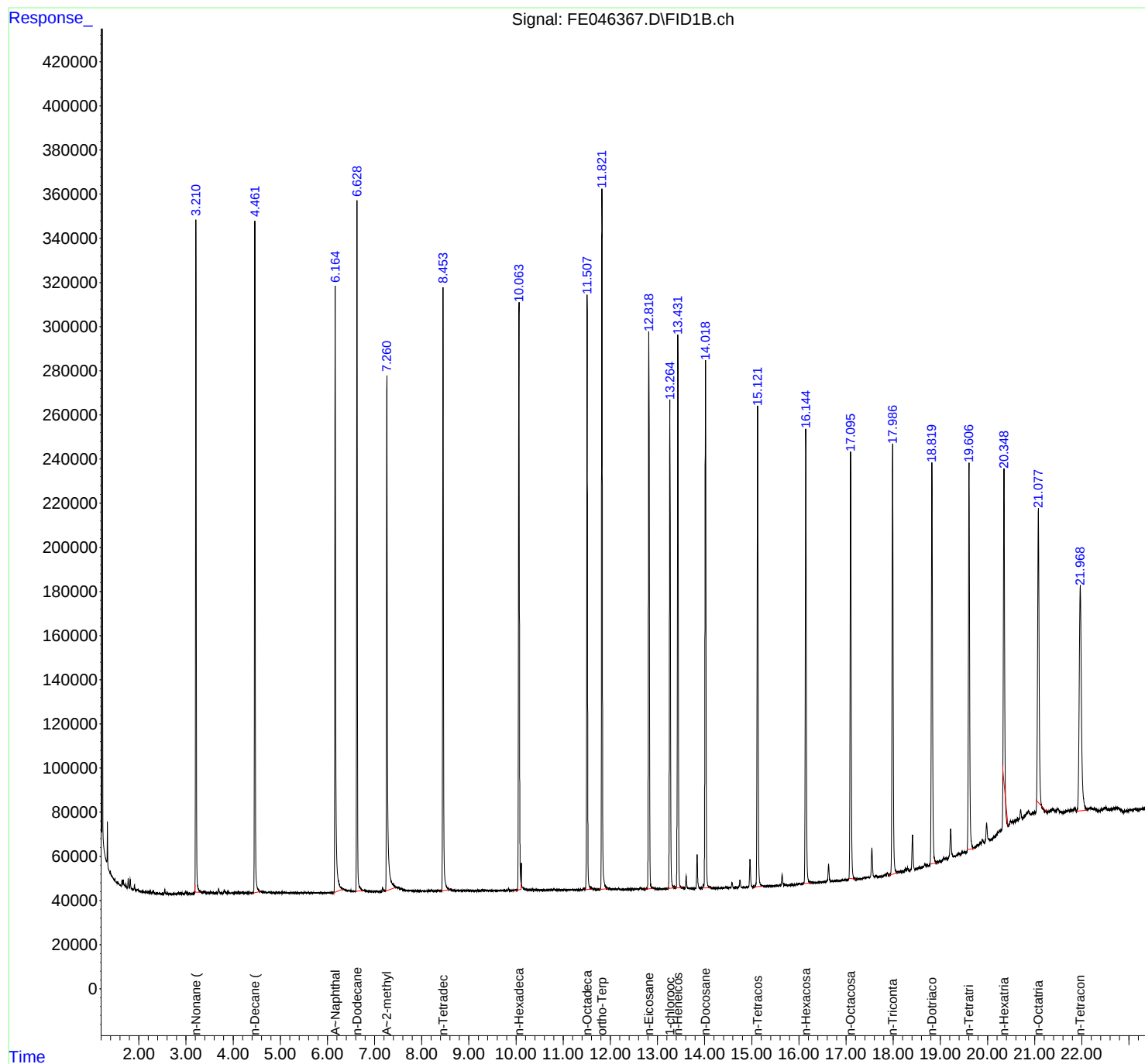
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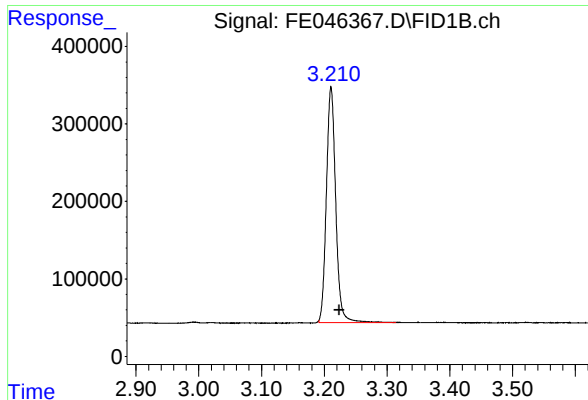
(m)=manual int.

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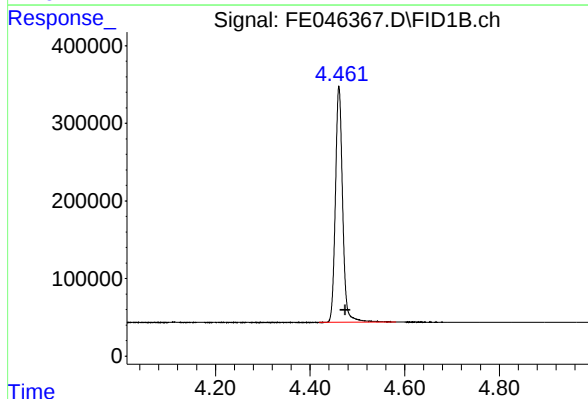
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





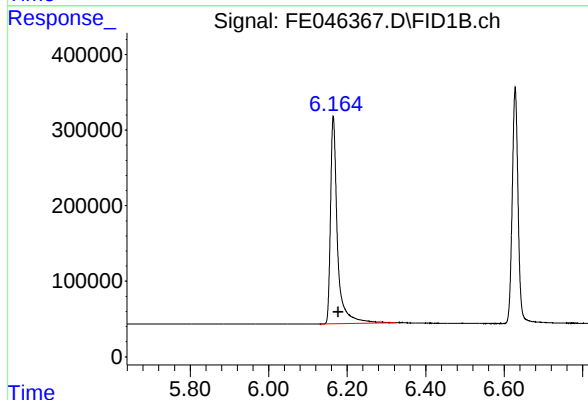
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.013 min
Response: 3137857
Conc: 20.50 ug/ml



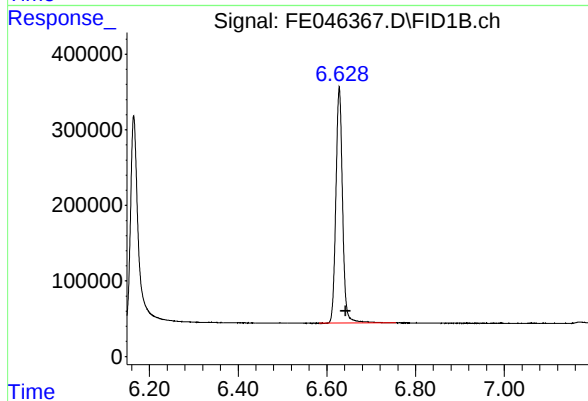
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: -0.014 min
Response: 3223561
Conc: 20.77 ug/ml



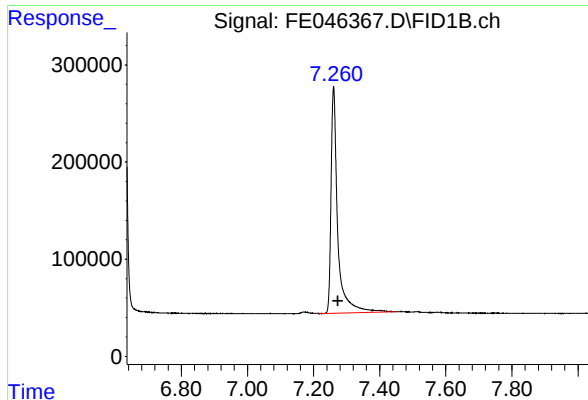
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.013 min
Response: 3392974
Conc: 20.40 ug/ml



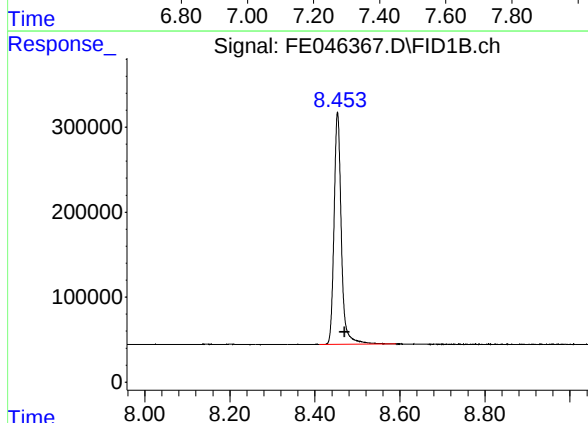
#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: -0.015 min
Response: 3260710
Conc: 20.88 ug/ml



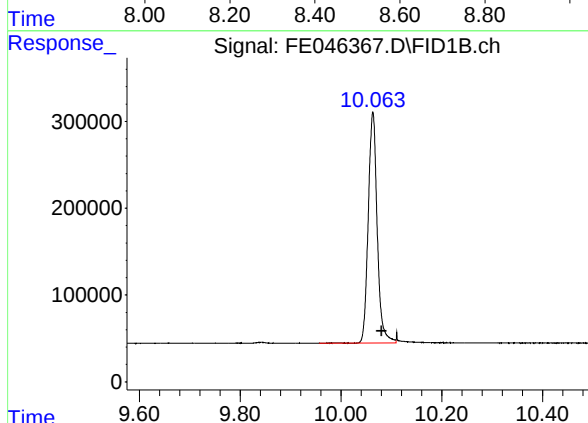
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.013 min
Response: 3275776
Conc: 20.58 ug/ml



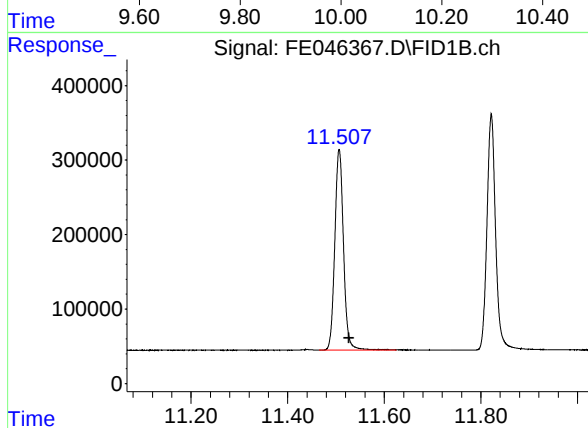
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.016 min
Response: 3240631
Conc: 20.80 ug/ml



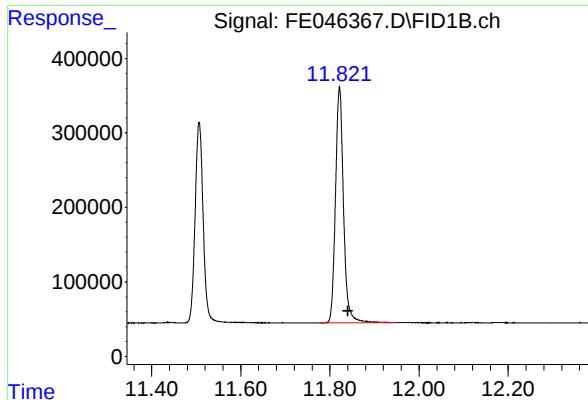
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.017 min
Response: 3270114
Conc: 20.65 ug/ml



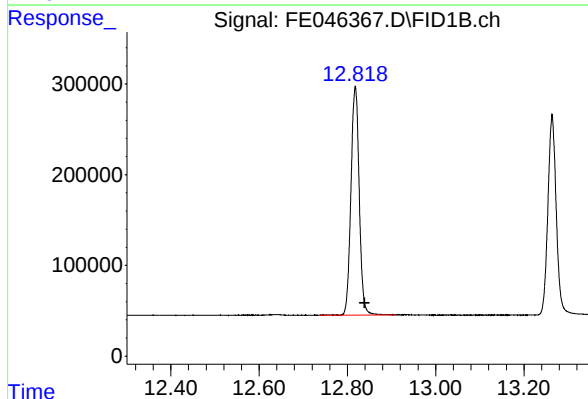
#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.020 min
Response: 3382246
Conc: 21.49 ug/ml



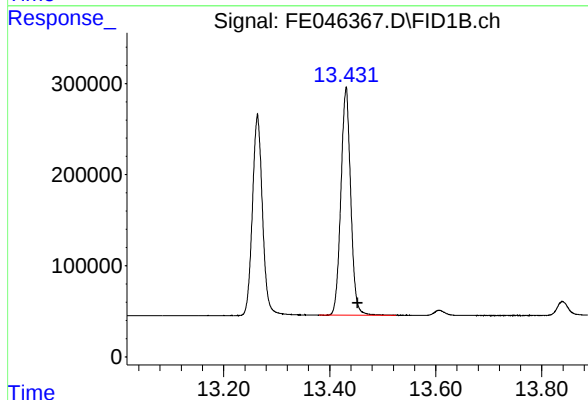
#9 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: -0.019 min
Response: 3959258
Conc: 21.79 ug/ml



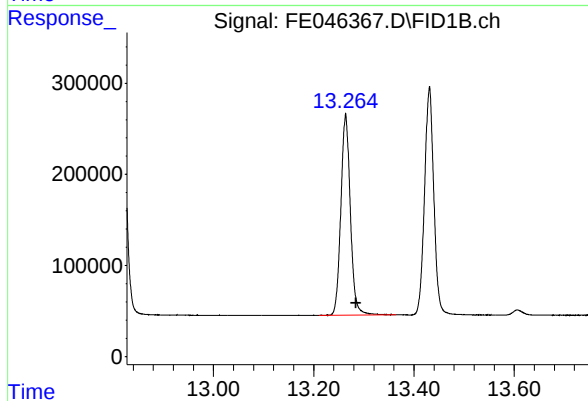
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: -0.021 min
Response: 3276295
Conc: 21.66 ug/ml



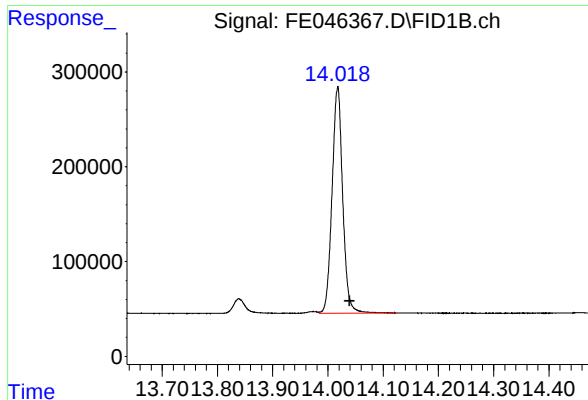
#11 n-Heneicosane (C21)

R.T.: 13.431 min
Delta R.T.: -0.022 min
Response: 3208815
Conc: 21.82 ug/ml



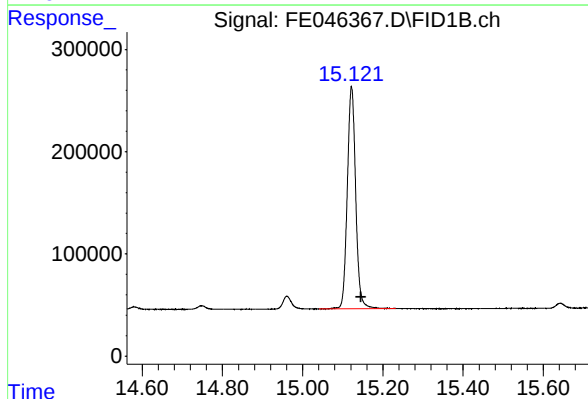
#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: -0.021 min
Response: 2900611
Conc: 21.71 ug/ml



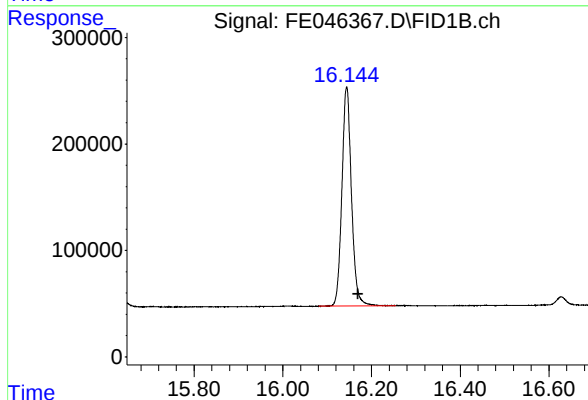
#13 n-Docosane (C22)

R.T.: 14.018 min
Delta R.T.: -0.022 min
Response: 3193839
Conc: 21.85 ug/ml



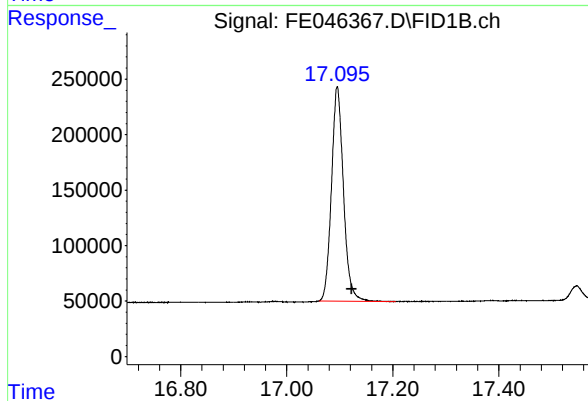
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: -0.024 min
Response: 3163995
Conc: 21.82 ug/ml



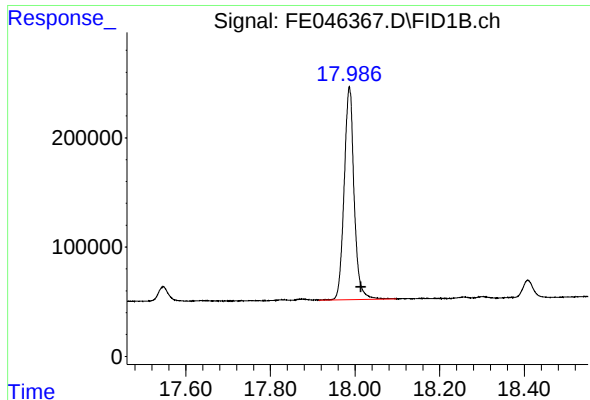
#15 n-Hexacosane (C26)

R.T.: 16.144 min
Delta R.T.: -0.026 min
Response: 3087828
Conc: 21.54 ug/ml



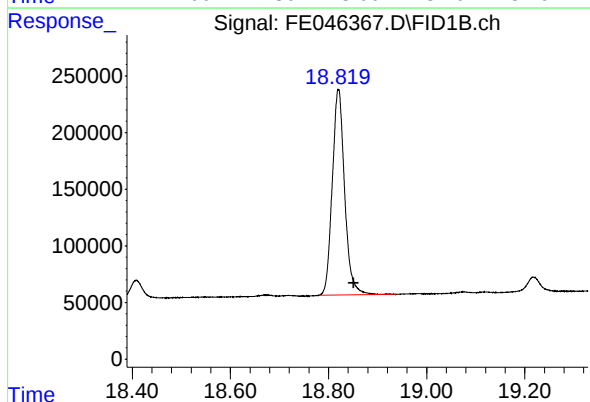
#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: -0.027 min
Response: 3029837
Conc: 21.13 ug/ml



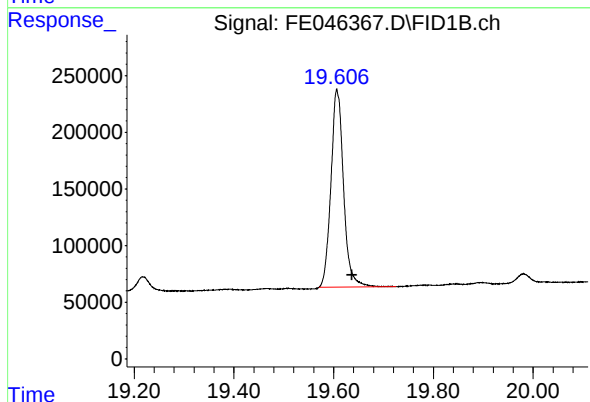
#17 n-Tricontane (C30)

R.T.: 17.987 min
Delta R.T.: -0.027 min
Response: 3182904
Conc: 21.41 ug/ml



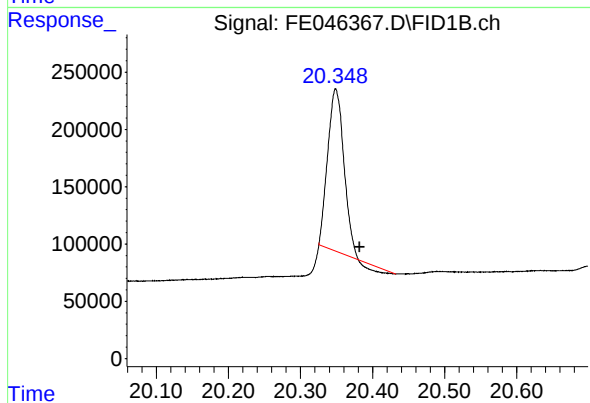
#18 n-Dotriacontane (C32)

R.T.: 18.820 min
Delta R.T.: -0.031 min
Response: 3175631
Conc: 21.23 ug/ml



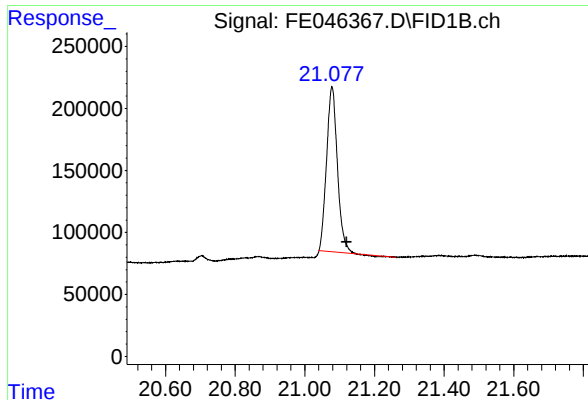
#19 n-Tetatriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.030 min
Response: 3064572
Conc: 21.39 ug/ml



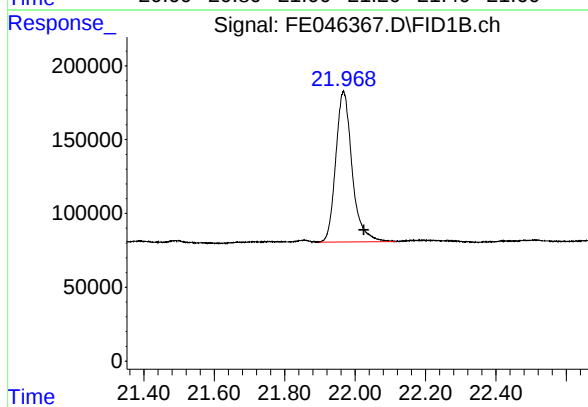
#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.033 min
Response: 2133935
Conc: 14.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.078 min
Delta R.T.: -0.042 min
Response: 2861813
Conc: 19.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.058 min
Response: 3292621
Conc: 21.04 ug/ml