

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021024AL\
 Data File : FE046694.D
 Signal(s) : FID1B.ch
 Acq On : 11 Feb 2024 01:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 12 00:05:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.808	3415632	18.472 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
12) S 1-chlorooctadecane (S...	13.250	2577678	18.118 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T n-Nonane (C9)	3.197	3239324	20.054 ug/mlm
2) T n-Decane (C10)	4.448	3343273	20.400 ug/ml
3) T A~Naphthalene (C11.7)	6.153	3438380	20.108 ug/ml
4) T n-Dodecane (C12)	6.616	3373659	20.396 ug/ml
5) T A~2-methylnaphthalene...	7.249	3233921	20.277 ug/ml
6) T n-Tetradecane (C14)	8.441	3309106	20.190 ug/ml
7) T n-Hexadecane (C16)	10.050	3353051	19.622 ug/ml
8) T n-Octadecane (C18)	11.494	3346899	19.198 ug/ml
10) T n-Eicosane (C20)	12.804	3137418	18.479 ug/ml
11) T n-Heneicosane (C21)	13.417	3047937	18.274 ug/ml
13) T n-Docosane (C22)	14.003	3022304	18.243 ug/ml
14) T n-Tetracosane (C24)	15.107	2968563	17.991 ug/ml
15) T n-Hexacosane (C26)	16.129	2916926	18.072 ug/ml
16) T n-Octacosane (C28)	17.081	2902748	18.491 ug/ml
17) T n-Tricontane (C30)	17.969	2987022	19.070 ug/ml
18) T n-Dotriacontane (C32)	18.803	2935247	19.418 ug/ml
19) T n-Tetratriacontane (C34)	19.587	2819445	19.878 ug/mlm
20) T n-Hexatriacontane (C36)	20.330	2677525	19.425 ug/mlm
21) T n-Octatriacontane (C38)	21.057	2651153	20.681 ug/ml
22) T n-Tetracontane (C40)	21.939	2661795	21.288 ug/mlm

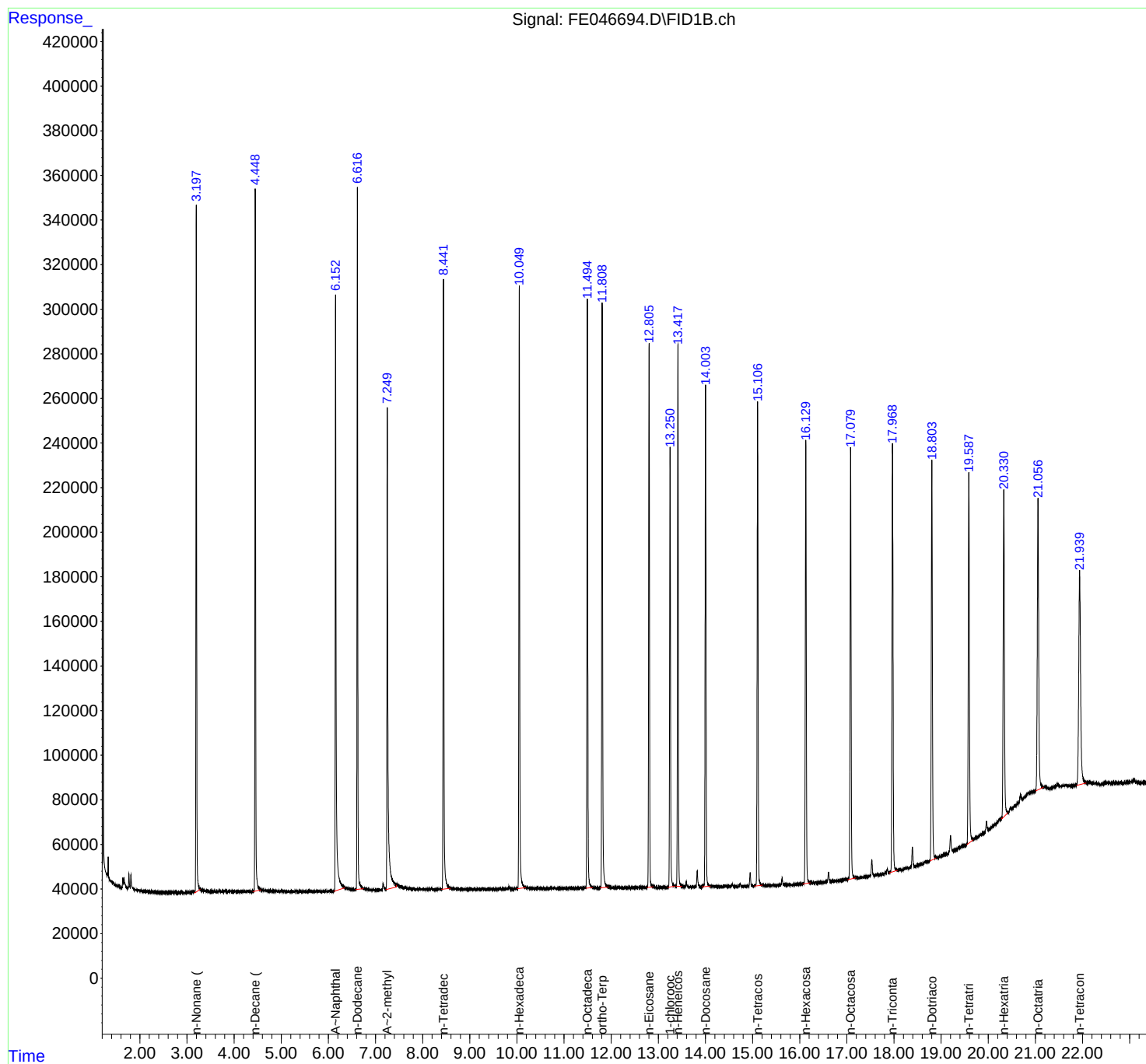
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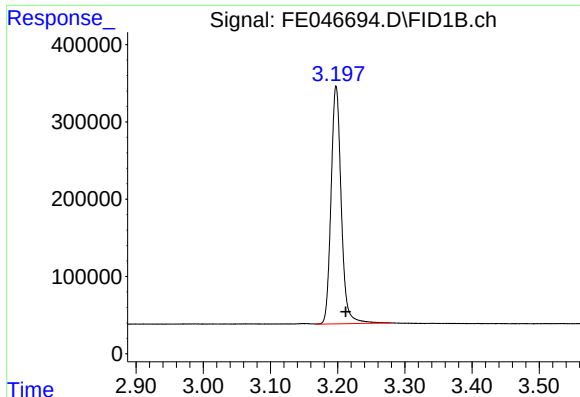
(m)=manual int.

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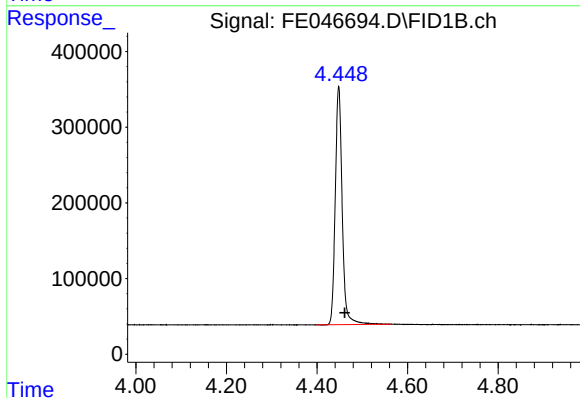
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





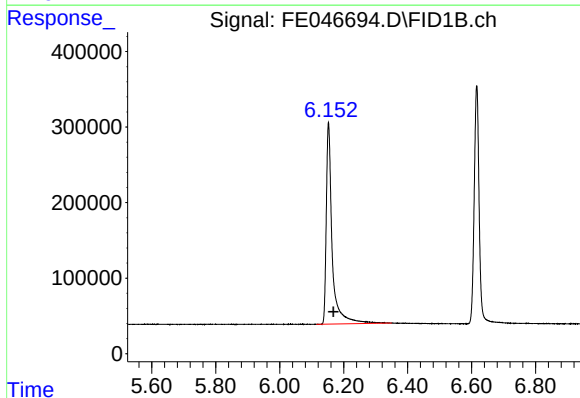
#1 n-Nonane (C9)

R.T.: 3.197 min
Delta R.T.: -0.015 min
Response: 3239324
Conc: 20.05 ug/ml m



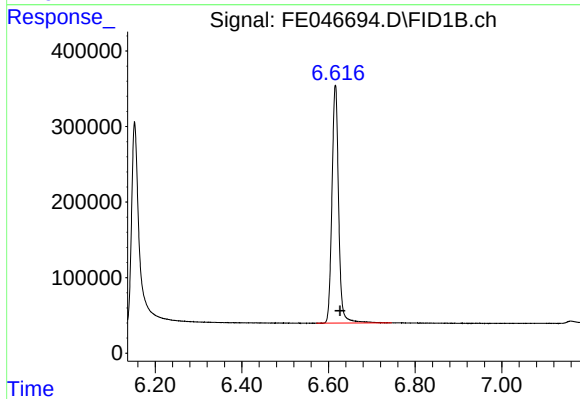
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.013 min
Response: 3343273
Conc: 20.40 ug/ml



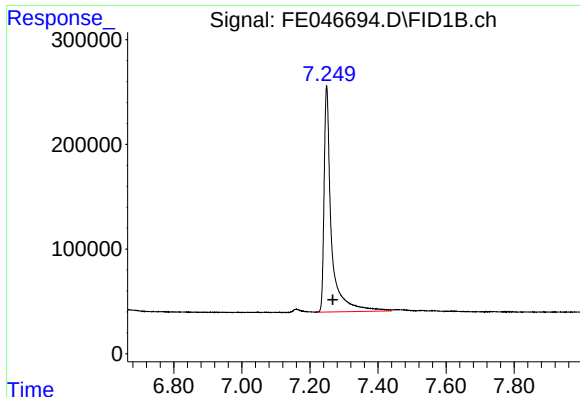
#3 A~Naphthalene (C11.7)

R.T.: 6.153 min
Delta R.T.: -0.016 min
Response: 3438380
Conc: 20.11 ug/ml



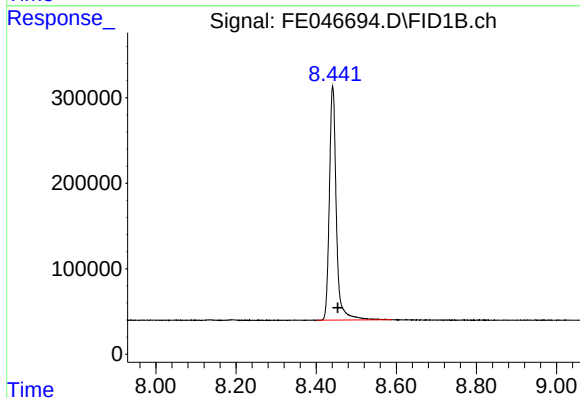
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.011 min
Response: 3373659
Conc: 20.40 ug/ml



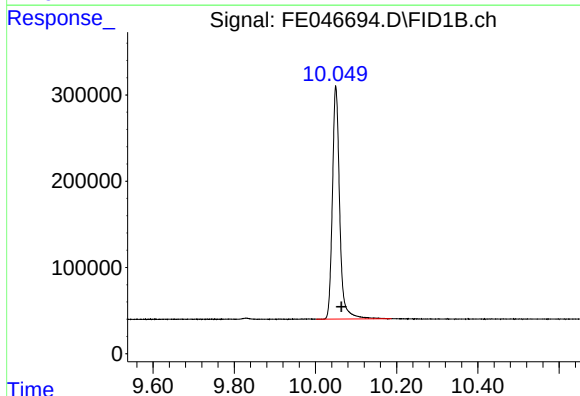
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.249 min
Delta R.T.: -0.018 min
Response: 3233921
Conc: 20.28 ug/ml



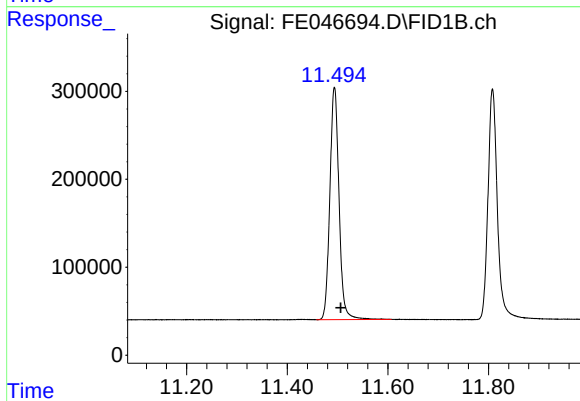
#6 n-Tetradecane (C14)

R.T.: 8.441 min
Delta R.T.: -0.013 min
Response: 3309106
Conc: 20.19 ug/ml



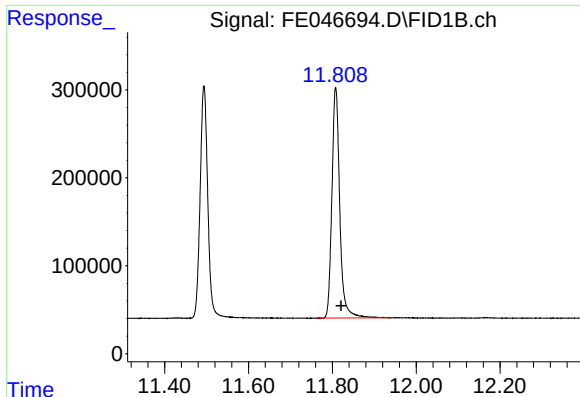
#7 n-Hexadecane (C16)

R.T.: 10.050 min
Delta R.T.: -0.014 min
Response: 3353051
Conc: 19.62 ug/ml



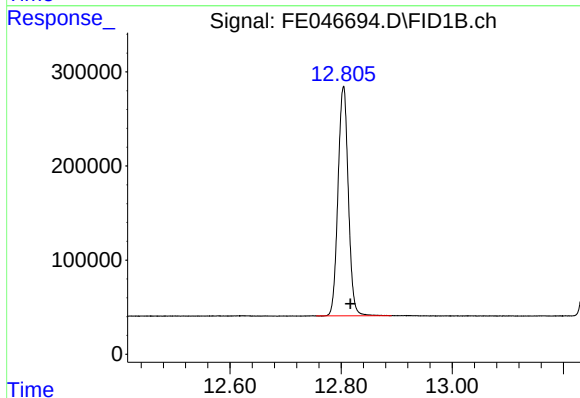
#8 n-Octadecane (C18)

R.T.: 11.494 min
Delta R.T.: -0.013 min
Response: 3346899
Conc: 19.20 ug/ml



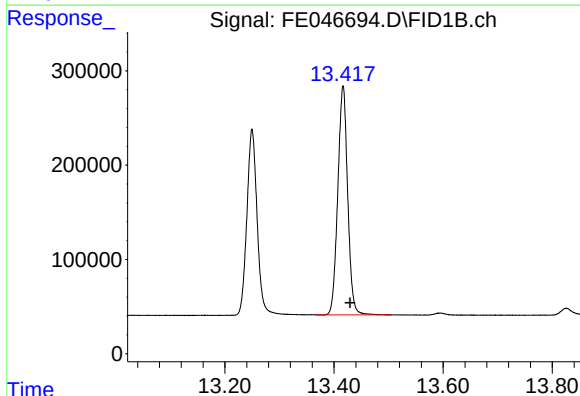
#9 ortho-Terphenyl (SURR)

R.T.: 11.808 min
Delta R.T.: -0.012 min
Response: 3415632
Conc: 18.47 ug/ml



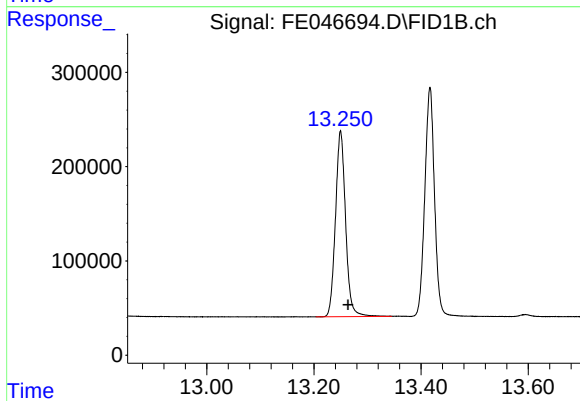
#10 n-Eicosane (C20)

R.T.: 12.804 min
Delta R.T.: -0.013 min
Response: 3137418
Conc: 18.48 ug/ml



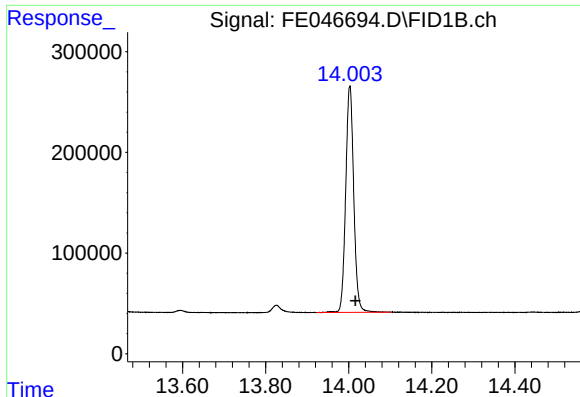
#11 n-Heneicosane (C21)

R.T.: 13.417 min
Delta R.T.: -0.013 min
Response: 3047937
Conc: 18.27 ug/ml



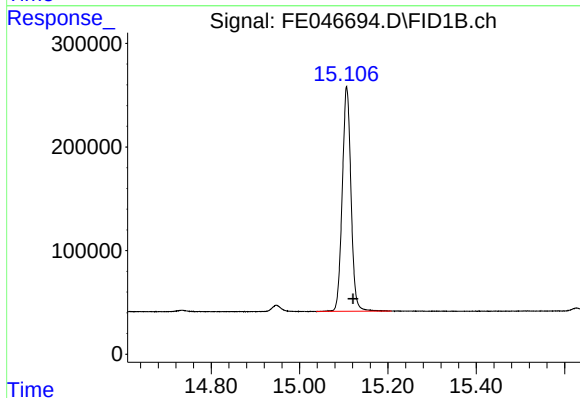
#12 1-chlorooctadecane (SURR)

R.T.: 13.250 min
Delta R.T.: -0.014 min
Response: 2577678
Conc: 18.12 ug/ml



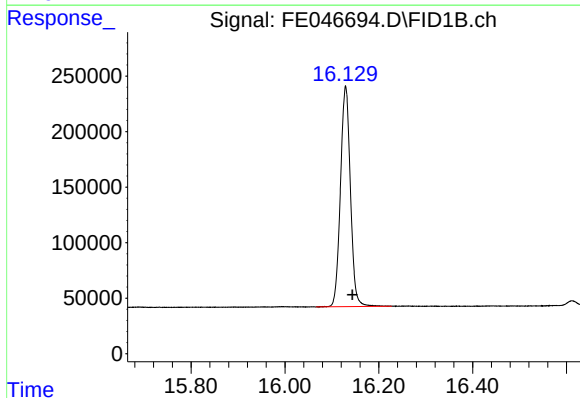
#13 n-Docosane (C22)

R.T.: 14.003 min
Delta R.T.: -0.013 min
Response: 3022304
Conc: 18.24 ug/ml



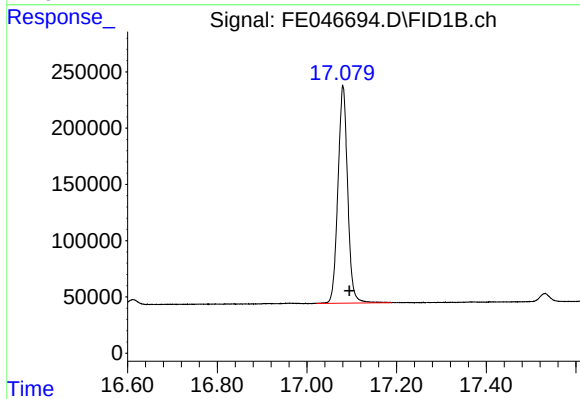
#14 n-Tetracosane (C24)

R.T.: 15.107 min
Delta R.T.: -0.014 min
Response: 2968563
Conc: 17.99 ug/ml



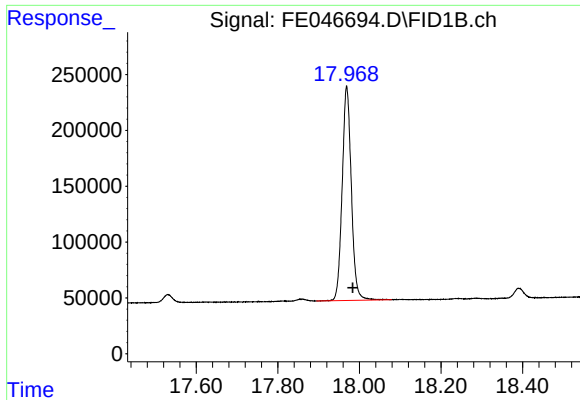
#15 n-Hexacosane (C26)

R.T.: 16.129 min
Delta R.T.: -0.014 min
Response: 2916926
Conc: 18.07 ug/ml



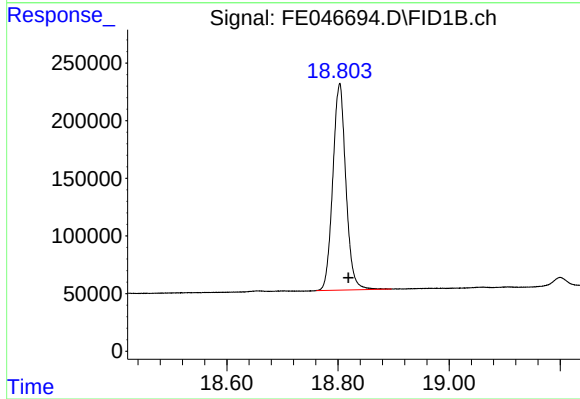
#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.014 min
Response: 2902748
Conc: 18.49 ug/ml



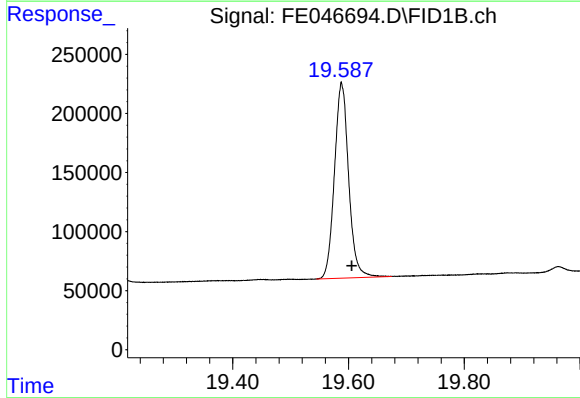
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: -0.015 min
Response: 2987022
Conc: 19.07 ug/ml



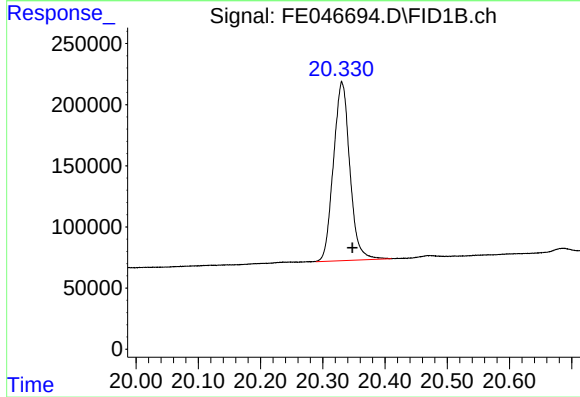
#18 n-Dotriacontane (C32)

R.T.: 18.803 min
Delta R.T.: -0.016 min
Response: 2935247
Conc: 19.42 ug/ml



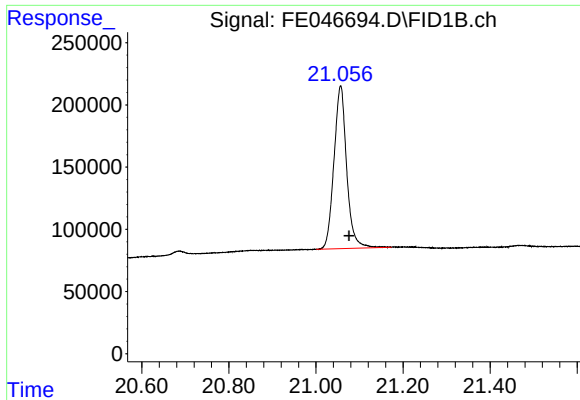
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min
Delta R.T.: -0.019 min
Response: 2819445
Conc: 19.88 ug/ml m



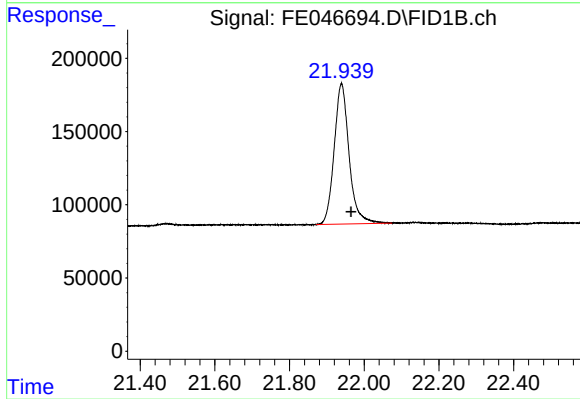
#20 n-Hexatriacontane (C36)

R.T.: 20.330 min
Delta R.T.: -0.018 min
Response: 2677525
Conc: 19.42 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.057 min
Delta R.T.: -0.020 min
Response: 2651153
Conc: 20.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: -0.026 min
Response: 2661795
Conc: 21.29 ug/ml m