

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072823AL\
 Data File : FE043627.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2023 07:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jul 31 02:13:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.885	3973642	22.191 ug/ml
Spiked Amount 50.000		Recovery =	44.38%
12) S 1-chlorooctadecane (S...	13.322	2944812	22.412 ug/ml
Spiked Amount 50.000		Recovery =	44.82%
Target Compounds			
1) T n-Nonane (C9)	3.261	3307423	21.662 ug/ml
2) T n-Decane (C10)	4.514	3436666	22.045 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3541446	22.008 ug/ml
4) T n-Dodecane (C12)	6.686	3459818	21.957 ug/ml
5) T A~2-methylnaphthalene...	7.324	3352182	22.092 ug/ml
6) T n-Tetradecane (C14)	8.515	3451582	21.822 ug/ml
7) T n-Hexadecane (C16)	10.123	3574096	22.085 ug/ml
8) T n-Octadecane (C18)	11.566	3605161	22.115 ug/ml
10) T n-Eicosane (C20)	12.875	3450282	22.207 ug/ml
11) T n-Heneicosane (C21)	13.488	3367200	22.225 ug/ml
13) T n-Docosane (C22)	14.074	3360574	22.486 ug/ml
14) T n-Tetracosane (C24)	15.177	3294822	22.435 ug/ml
15) T n-Hexacosane (C26)	16.199	3234741	22.711 ug/ml
16) T n-Octacosane (C28)	17.147	3245351	23.065 ug/ml
17) T n-Tricontane (C30)	18.037	3503100	23.780 ug/ml
18) T n-Dotriacontane (C32)	18.870	3579382	24.156 ug/ml
19) T n-Tetratriacontane (C34)	19.653	3451488	23.915 ug/ml
20) T n-Hexatriacontane (C36)	20.393	3302650	22.470 ug/ml
21) T n-Octatriacontane (C38)	21.130	3285338	23.031 ug/ml
22) T n-Tetracontane (C40)	22.035	3466807	23.491 ug/ml

(f)=RT Delta > 1/2 Window

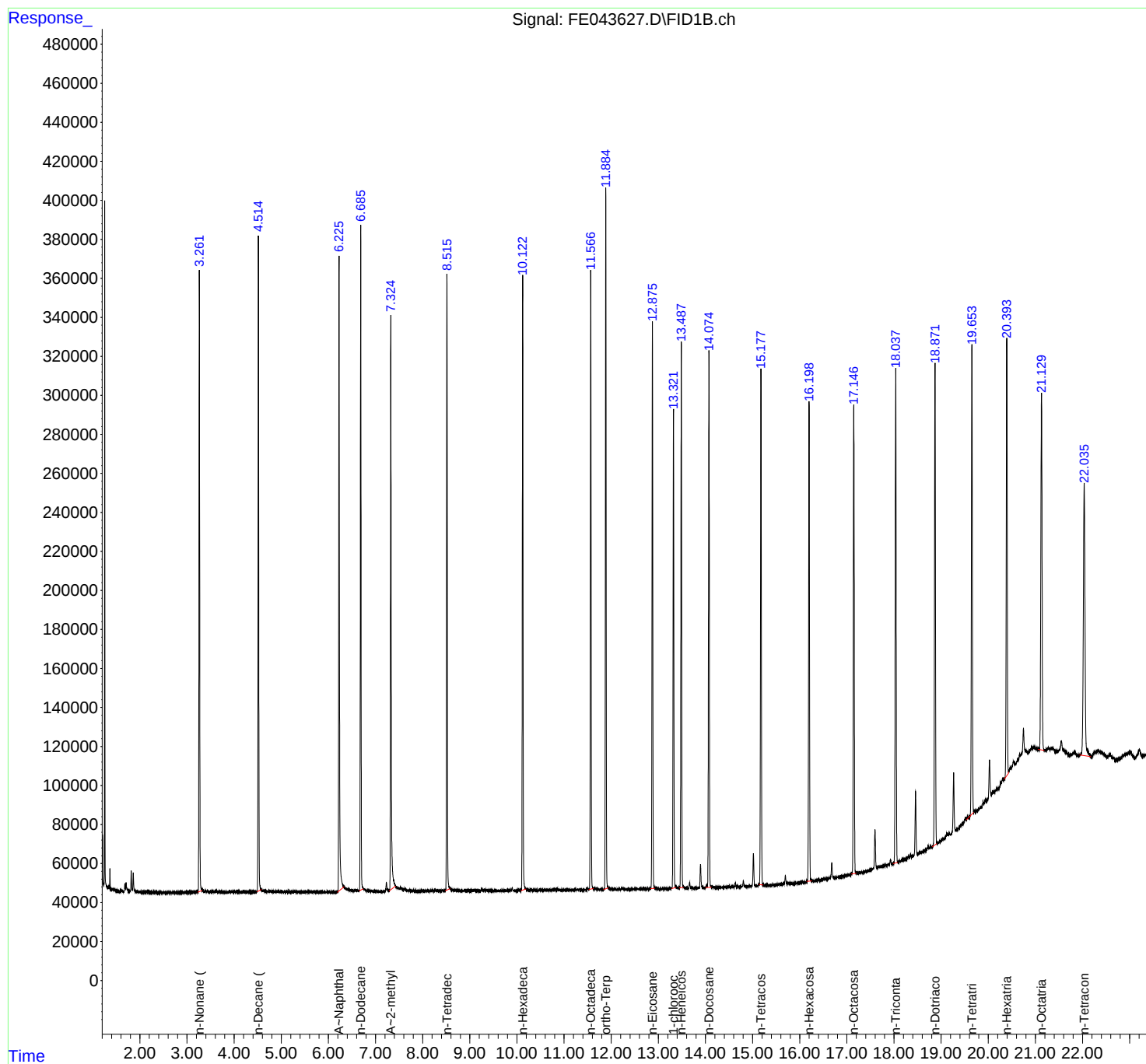
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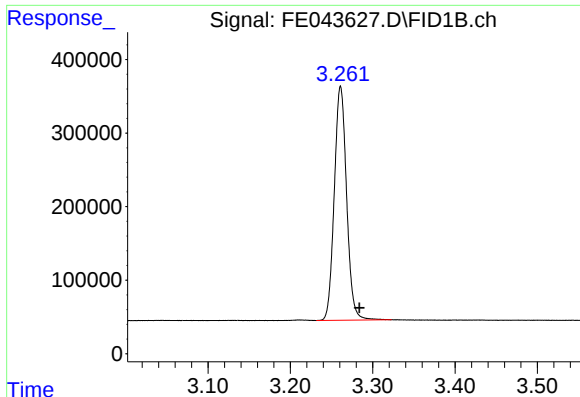
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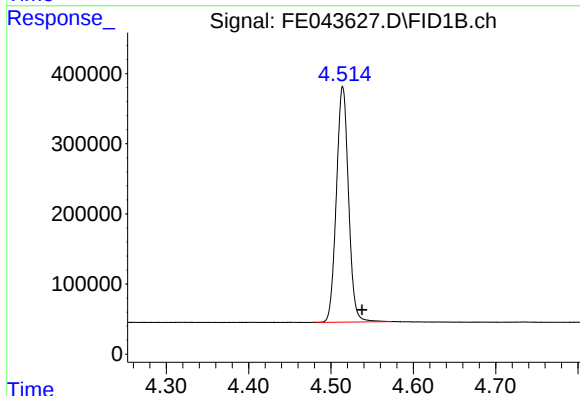




#1 n-Nonane (C9)

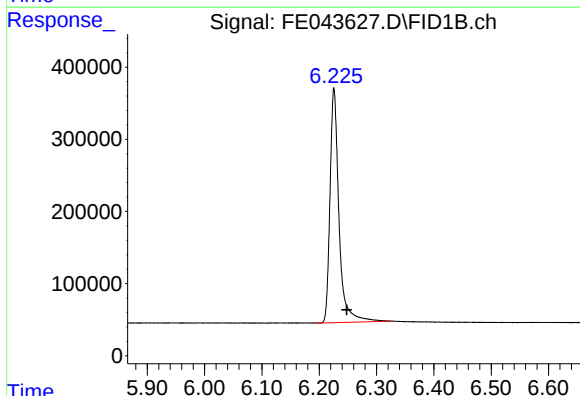
R.T.: 3.261 min
Delta R.T.: -0.023 min
Response: 3307423
Conc: 21.66 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



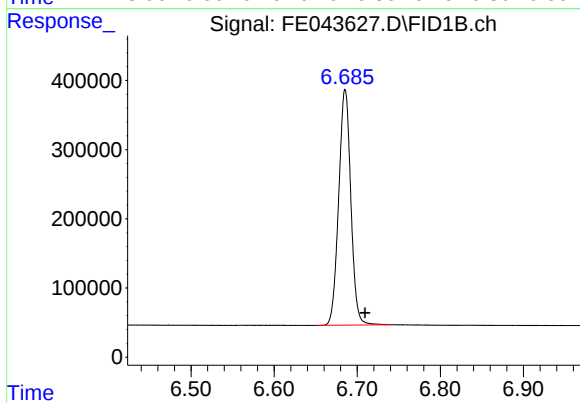
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.024 min
Response: 3436666
Conc: 22.04 ug/ml



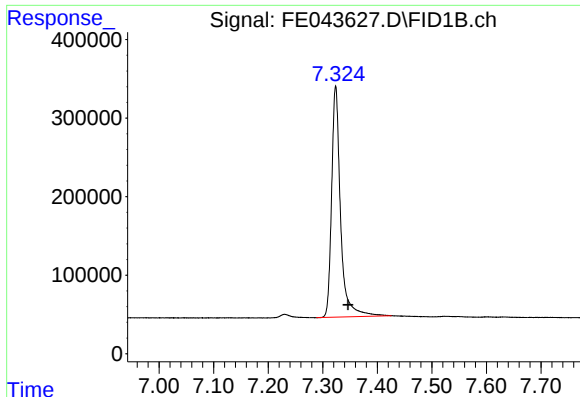
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.022 min
Response: 3541446
Conc: 22.01 ug/ml



#4 n-Dodecane (C12)

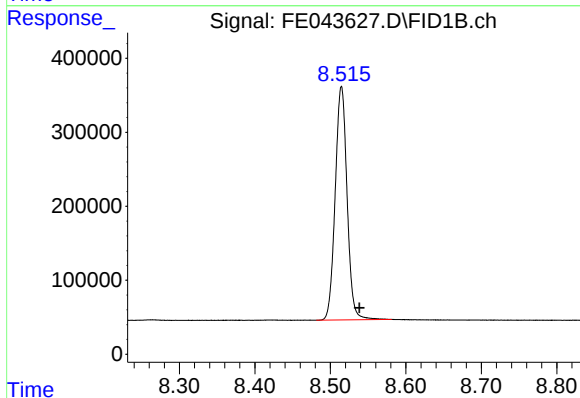
R.T.: 6.686 min
Delta R.T.: -0.024 min
Response: 3459818
Conc: 21.96 ug/ml



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

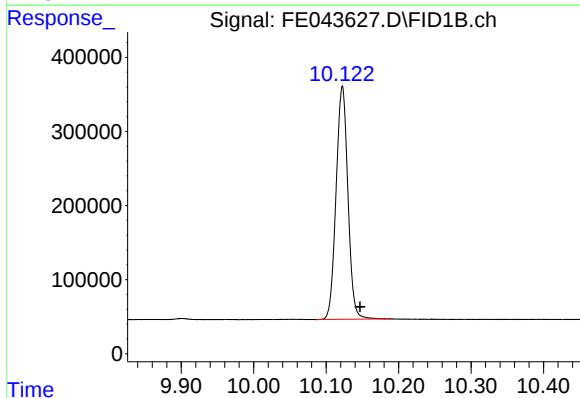
R.T.: 7.324 min
Delta R.T.: -0.023 min
Response: 3352182
Conc: 22.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



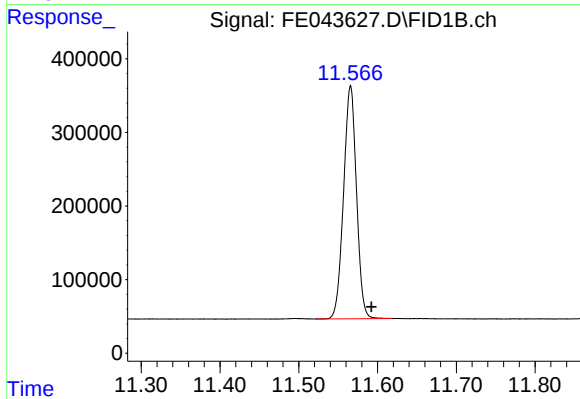
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.024 min
Response: 3451582
Conc: 21.82 ug/ml



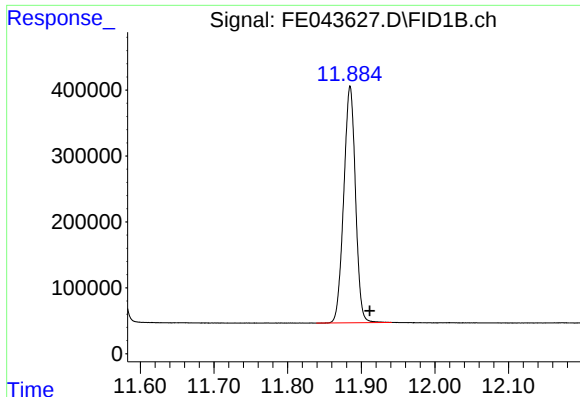
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.024 min
Response: 3574096
Conc: 22.08 ug/ml



#8 n-Octadecane (C18)

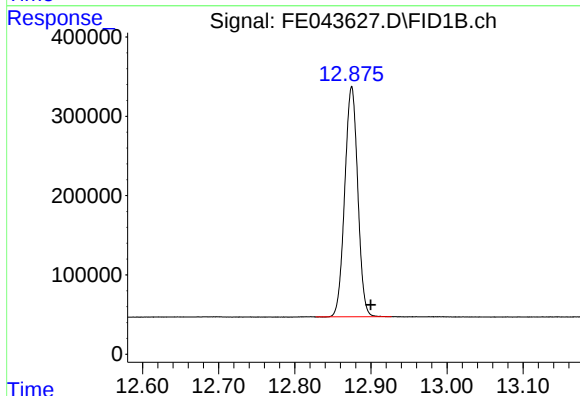
R.T.: 11.566 min
Delta R.T.: -0.026 min
Response: 3605161
Conc: 22.12 ug/ml



#9 ortho-Terphenyl (SURR)

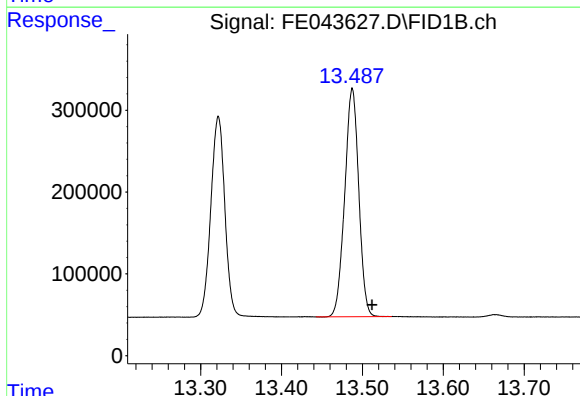
R.T.: 11.885 min
Delta R.T.: -0.027 min
Response: 3973642
Conc: 22.19 ug/ml

Instrument :
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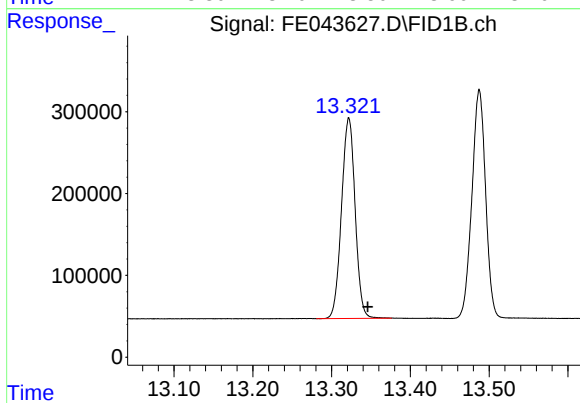
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.025 min
Response: 3450282
Conc: 22.21 ug/ml



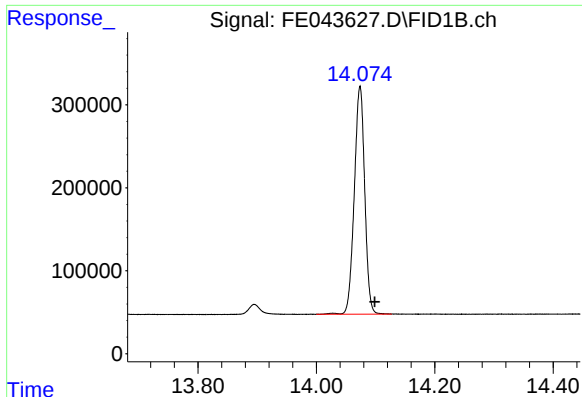
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.024 min
Response: 3367200
Conc: 22.23 ug/ml



#12 1-chlorooctadecane (SURR)

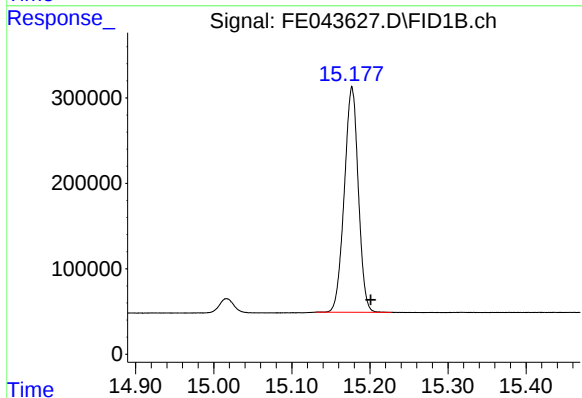
R.T.: 13.322 min
Delta R.T.: -0.024 min
Response: 2944812
Conc: 22.41 ug/ml



#13 n-Docosane (C22)

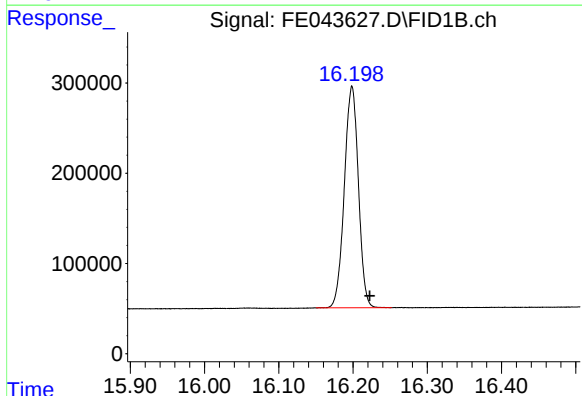
R.T.: 14.074 min
Delta R.T.: -0.025 min
Response: 3360574
Conc: 22.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



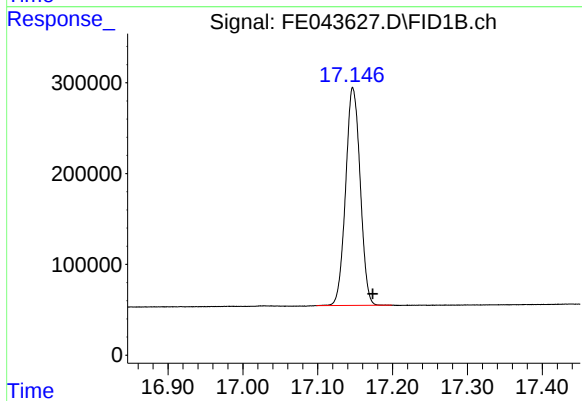
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.024 min
Response: 3294822
Conc: 22.44 ug/ml



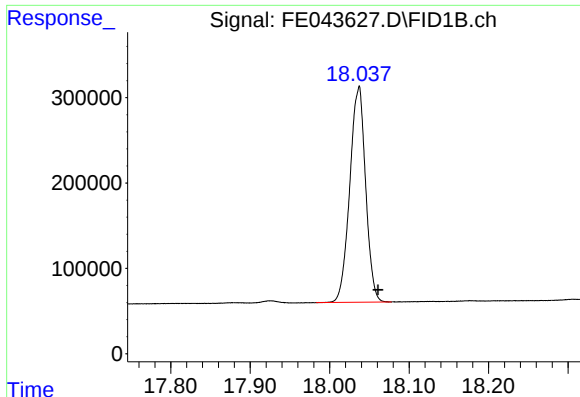
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.024 min
Response: 3234741
Conc: 22.71 ug/ml



#16 n-Octacosane (C28)

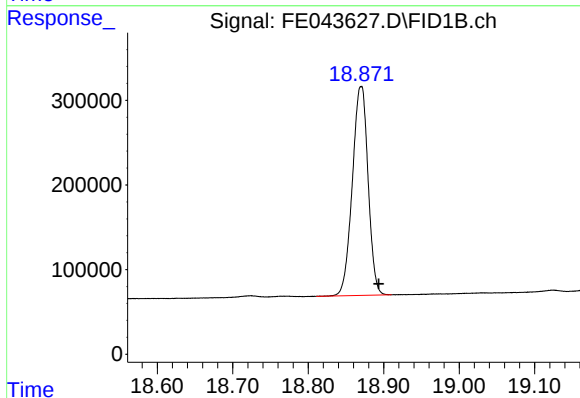
R.T.: 17.147 min
Delta R.T.: -0.027 min
Response: 3245351
Conc: 23.07 ug/ml



#17 n-Tricontane (C30)

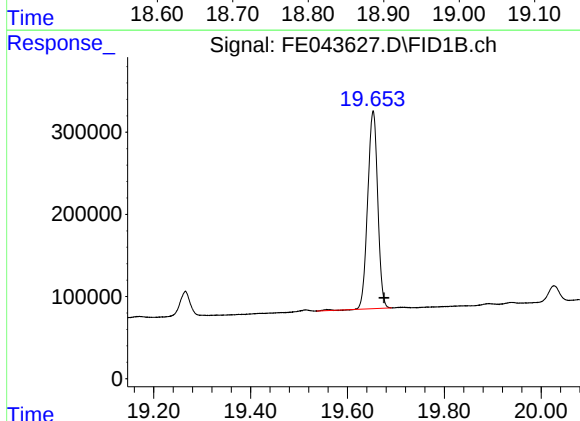
R.T.: 18.037 min
Delta R.T.: -0.024 min
Response: 3503100
Conc: 23.78 ug/ml

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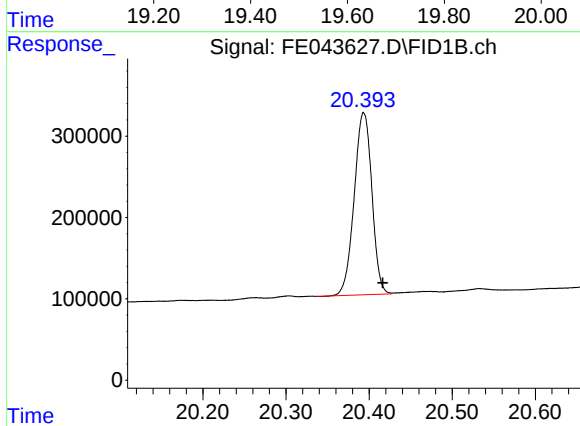
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.023 min
Response: 3579382
Conc: 24.16 ug/ml



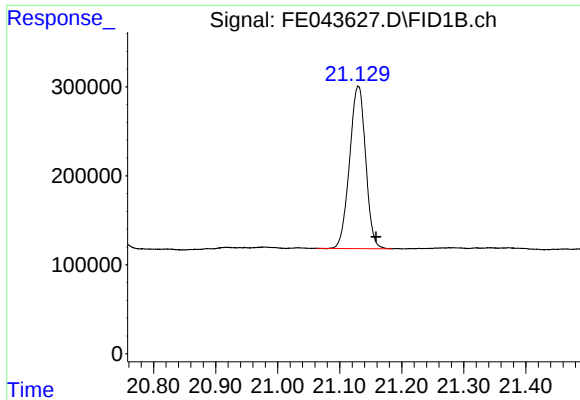
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.023 min
Response: 3451488
Conc: 23.92 ug/ml



#20 n-Hexatriacontane (C36)

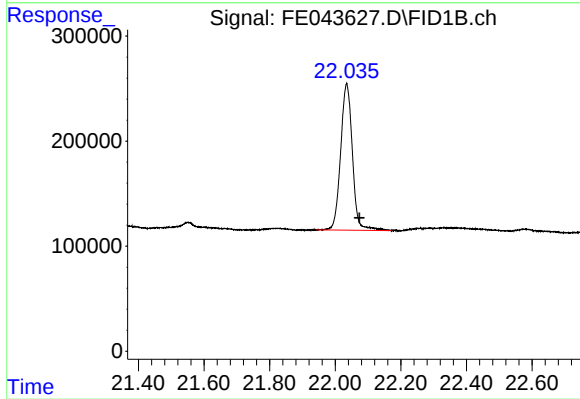
R.T.: 20.393 min
Delta R.T.: -0.023 min
Response: 3302650
Conc: 22.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.028 min
Response: 3285338
Conc: 23.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.039 min
Response: 3466807
Conc: 23.49 ug/ml