

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072623AL\
 Data File : FE043520.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jul 2023 13:31
 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: autoint1.e
 Quant Time: Jul 27 01:23:05 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)	11.882	3600238	20.106 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.318	2639456	20.088 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.263	3008734	19.706 ug/ml
2) T n-Decane (C10)	4.515	3124469	20.042 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3198500	19.877 ug/ml
4) T n-Dodecane (C12)	6.685	3143161	19.947 ug/ml
5) T A~2-methylnaphthalene...	7.323	3011237	19.845 ug/ml
6) T n-Tetradecane (C14)	8.514	3132356	19.804 ug/ml
7) T n-Hexadecane (C16)	10.121	3224095	19.922 ug/ml
8) T n-Octadecane (C18)	11.564	3262552	20.014 ug/ml
10) T n-Eicosane (C20)	12.872	3124873	20.113 ug/ml
11) T n-Heneicosane (C21)	13.484	3048849	20.124 ug/ml
13) T n-Docosane (C22)	14.070	3014438	20.170 ug/ml
14) T n-Tetracosane (C24)	15.173	2972919	20.243 ug/ml
15) T n-Hexacosane (C26)	16.193	2907783	20.416 ug/ml
16) T n-Octacosane (C28)	17.143	2885544	20.508 ug/ml
17) T n-Tricontane (C30)	18.030	3079413	20.904 ug/ml
18) T n-Dotriacontane (C32)	18.862	3124990	21.089 ug/ml
19) T n-Tetratriacontane (C34)	19.646	3005644	20.826 ug/ml
20) T n-Hexatriacontane (C36)	20.386	2854389	19.421 ug/ml
21) T n-Octatriacontane (C38)	21.122	2771535	19.429 ug/ml
22) T n-Tetracontane (C40)	22.026	2740353	18.568 ug/ml

(f)=RT Delta > 1/2 Window

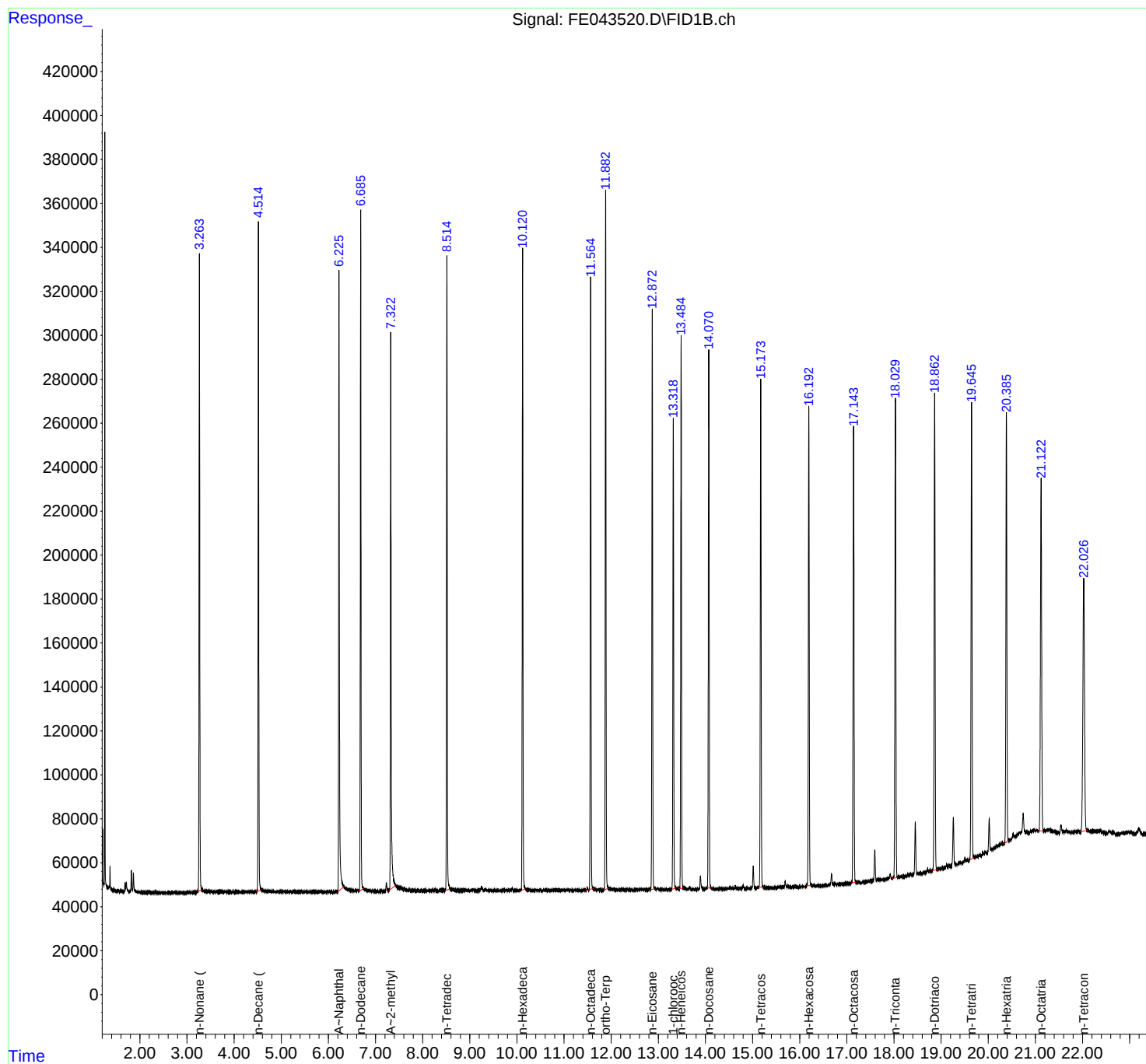
(m)=manual int.

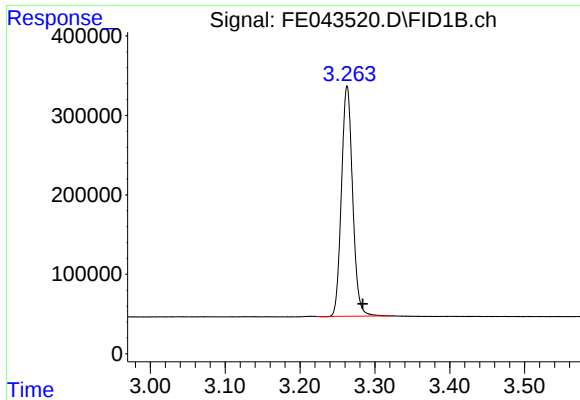
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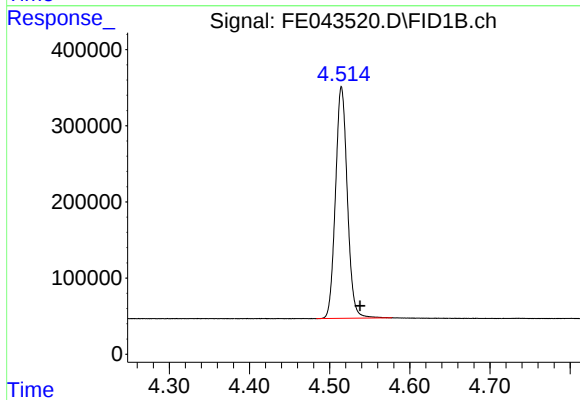




#1 n-Nonane (C9)

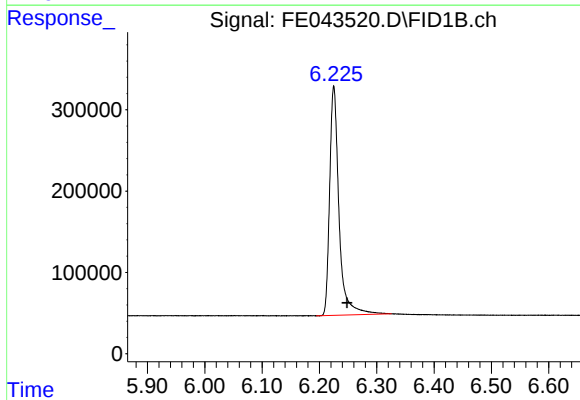
R.T.: 3.263 min
Delta R.T.: -0.021 min
Response: 3008734
Conc: 19.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



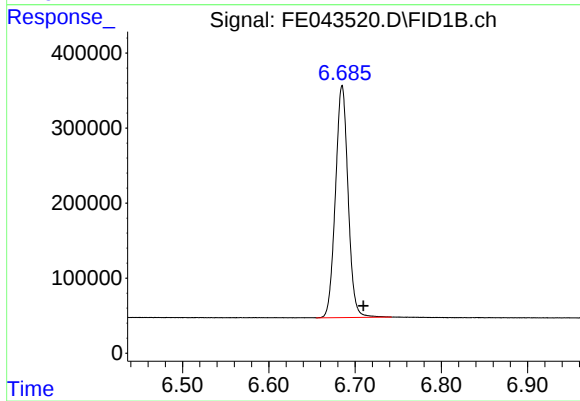
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.023 min
Response: 3124469
Conc: 20.04 ug/ml



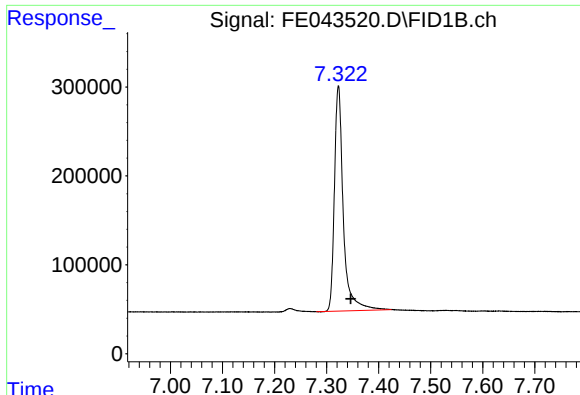
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.023 min
Response: 3198500
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

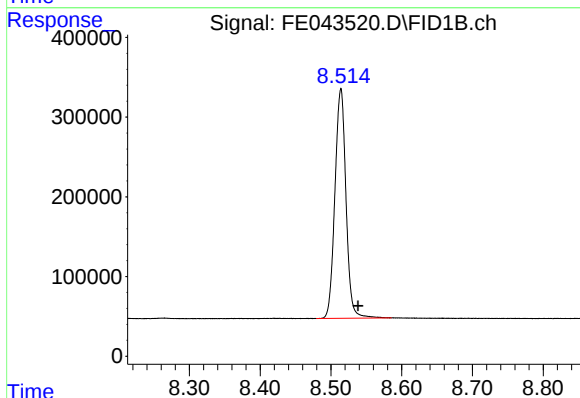
R.T.: 6.685 min
Delta R.T.: -0.024 min
Response: 3143161
Conc: 19.95 ug/ml



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

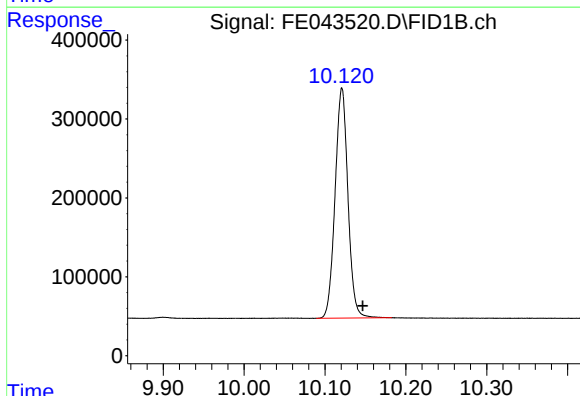
R.T.: 7.323 min
Delta R.T.: -0.024 min
Response: 3011237
Conc: 19.84 ug/ml

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20 PPM ALIPHATIC HC STD



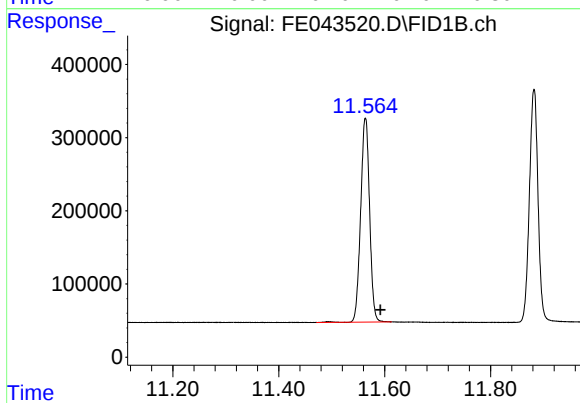
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.024 min
Response: 3132356
Conc: 19.80 ug/ml



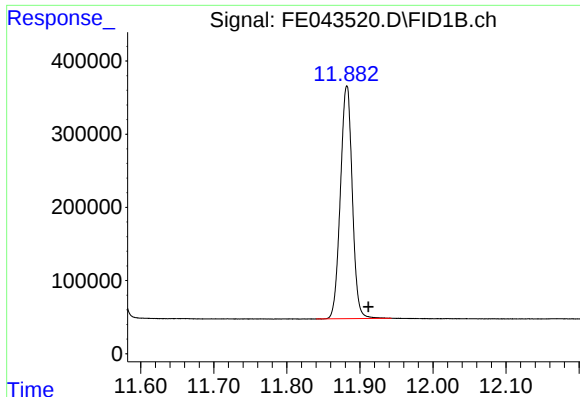
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.026 min
Response: 3224095
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

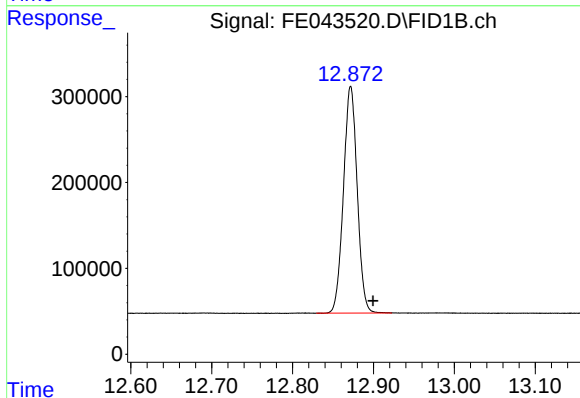
R.T.: 11.564 min
Delta R.T.: -0.028 min
Response: 3262552
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

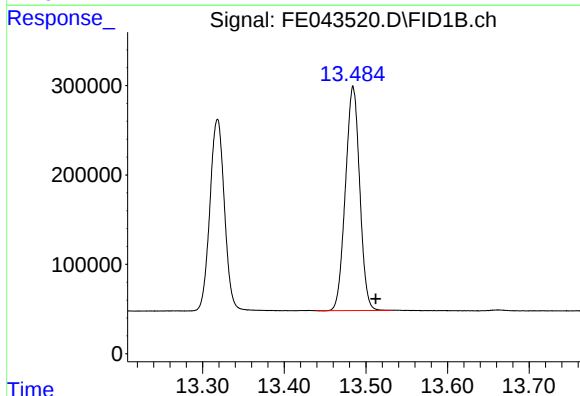
R.T.: 11.882 min
Delta R.T.: -0.029 min
Response: 3600238
Conc: 20.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



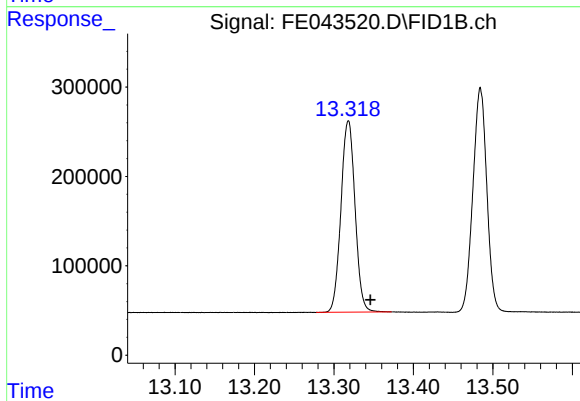
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.028 min
Response: 3124873
Conc: 20.11 ug/ml



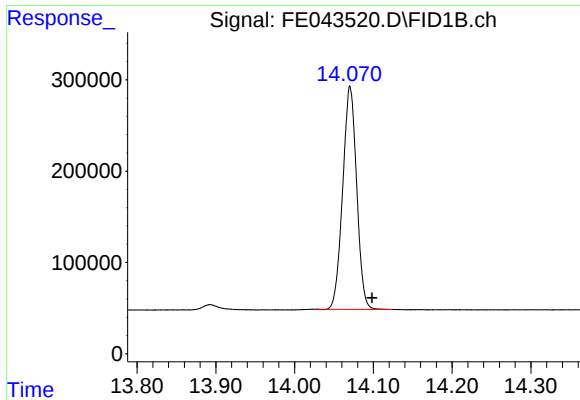
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: -0.028 min
Response: 3048849
Conc: 20.12 ug/ml



#12 1-chlorooctadecane (SURR)

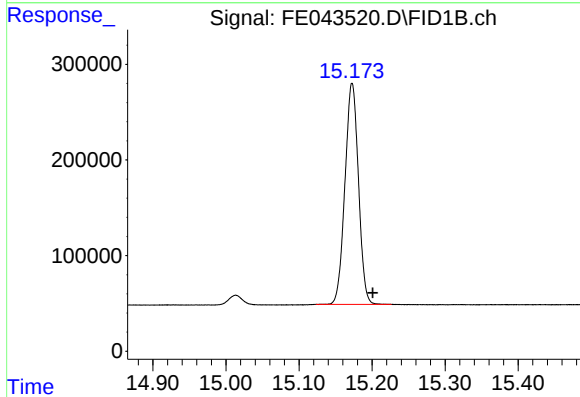
R.T.: 13.318 min
Delta R.T.: -0.028 min
Response: 2639456
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

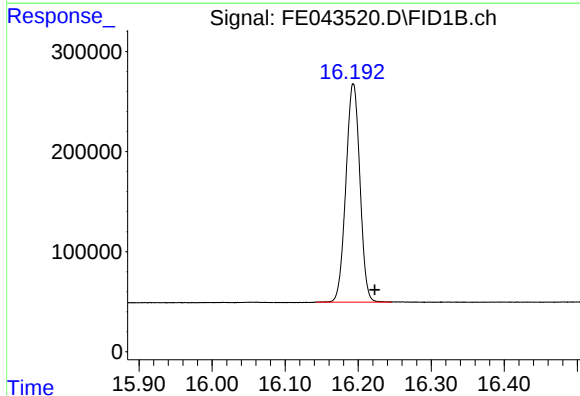
R.T.: 14.070 min
Delta R.T.: -0.028 min
Response: 3014438
Conc: 20.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



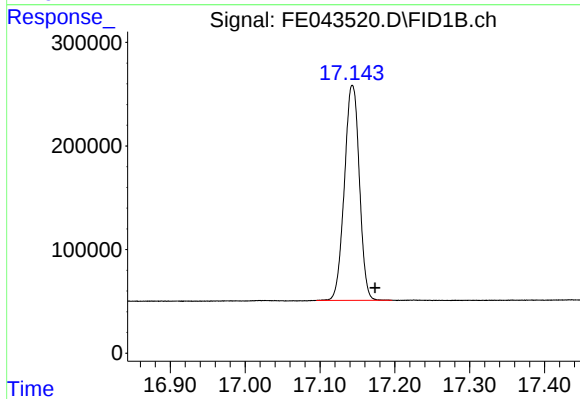
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.028 min
Response: 2972919
Conc: 20.24 ug/ml



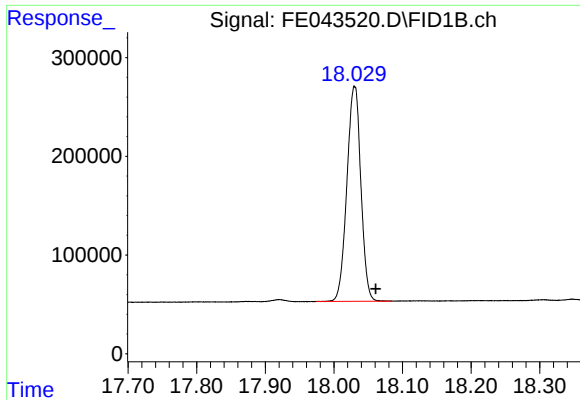
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.029 min
Response: 2907783
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

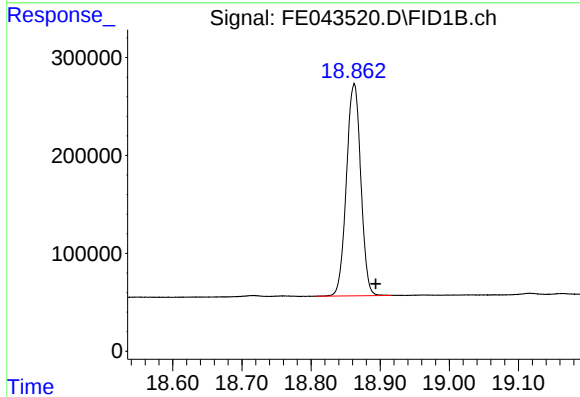
R.T.: 17.143 min
Delta R.T.: -0.030 min
Response: 2885544
Conc: 20.51 ug/ml



#17 n-Tricontane (C30)

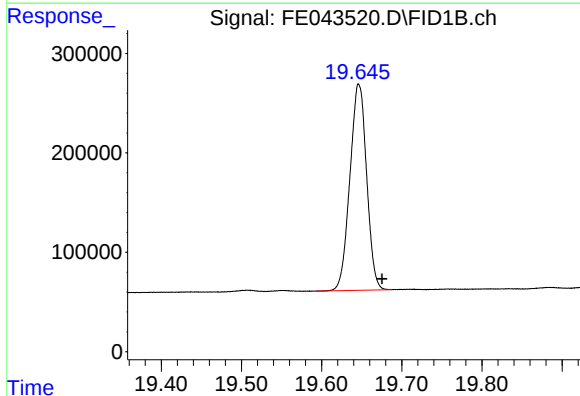
R.T.: 18.030 min
Delta R.T.: -0.031 min
Response: 3079413
Conc: 20.90 ug/ml

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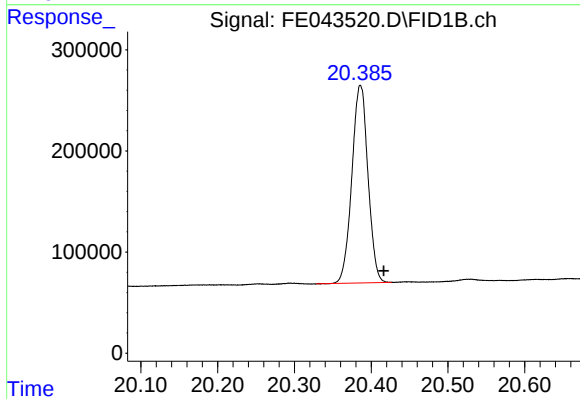
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: -0.031 min
Response: 3124990
Conc: 21.09 ug/ml



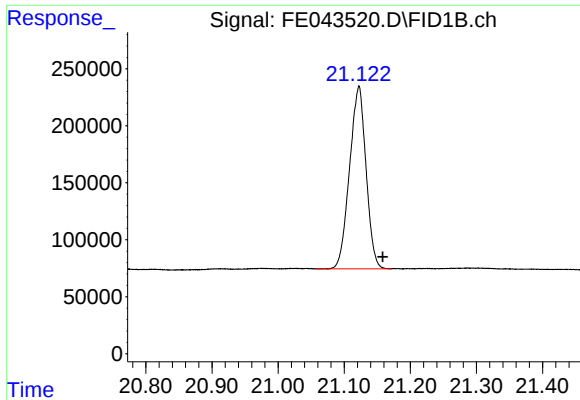
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: -0.029 min
Response: 3005644
Conc: 20.83 ug/ml



#20 n-Hexatriacontane (C36)

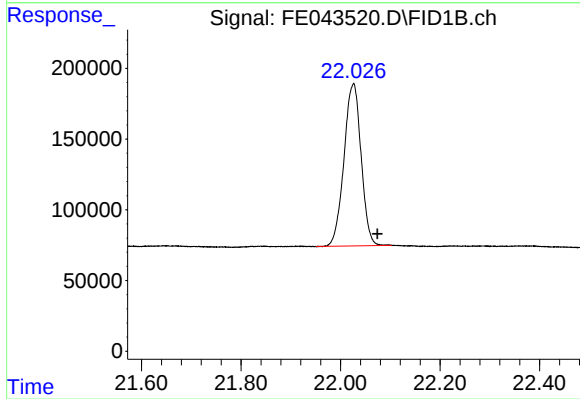
R.T.: 20.386 min
Delta R.T.: -0.030 min
Response: 2854389
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.036 min
Response: 2771535
Conc: 19.43 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: -0.048 min
Response: 2740353
Conc: 18.57 ug/ml