

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080123AL\
 Data File : FE043661.D
 Signal(s) : FID1B.ch
 Acq On : 01 Aug 2023 11:11
 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: Aug 02 01:11:21 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)	11.883	3398203	18.977 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
12) S 1-chlorooctadecane (S...	13.321	2488755	18.941 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T n-Nonane (C9)	3.261	2920830	19.130 ug/ml
2) T n-Decane (C10)	4.514	3025427	19.407 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3079091	19.135 ug/ml
4) T n-Dodecane (C12)	6.685	3040057	19.293 ug/ml
5) T A~2-methylnaphthalene...	7.324	2901686	19.123 ug/ml
6) T n-Tetradecane (C14)	8.514	3015161	19.063 ug/ml
7) T n-Hexadecane (C16)	10.122	3099271	19.151 ug/ml
8) T n-Octadecane (C18)	11.565	3106368	19.055 ug/ml
10) T n-Eicosane (C20)	12.874	2948550	18.978 ug/ml
11) T n-Heneicosane (C21)	13.486	2868780	18.935 ug/ml
13) T n-Docosane (C22)	14.072	2824105	18.897 ug/ml
14) T n-Tetracosane (C24)	15.176	2770284	18.863 ug/ml
15) T n-Hexacosane (C26)	16.197	2701824	18.970 ug/ml
16) T n-Octacosane (C28)	17.147	2659165	18.899 ug/ml
17) T n-Tricontane (C30)	18.035	2745703	18.638 ug/ml
18) T n-Dotriacontane (C32)	18.868	2773115	18.715 ug/ml
19) T n-Tetratriacontane (C34)	19.651	2745262	19.022 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2808562	19.109 ug/ml
21) T n-Octatriacontane (C38)	21.126	2815097	19.734 ug/ml
22) T n-Tetracontane (C40)	22.031	2974814	20.157 ug/ml

(f)=RT Delta > 1/2 Window

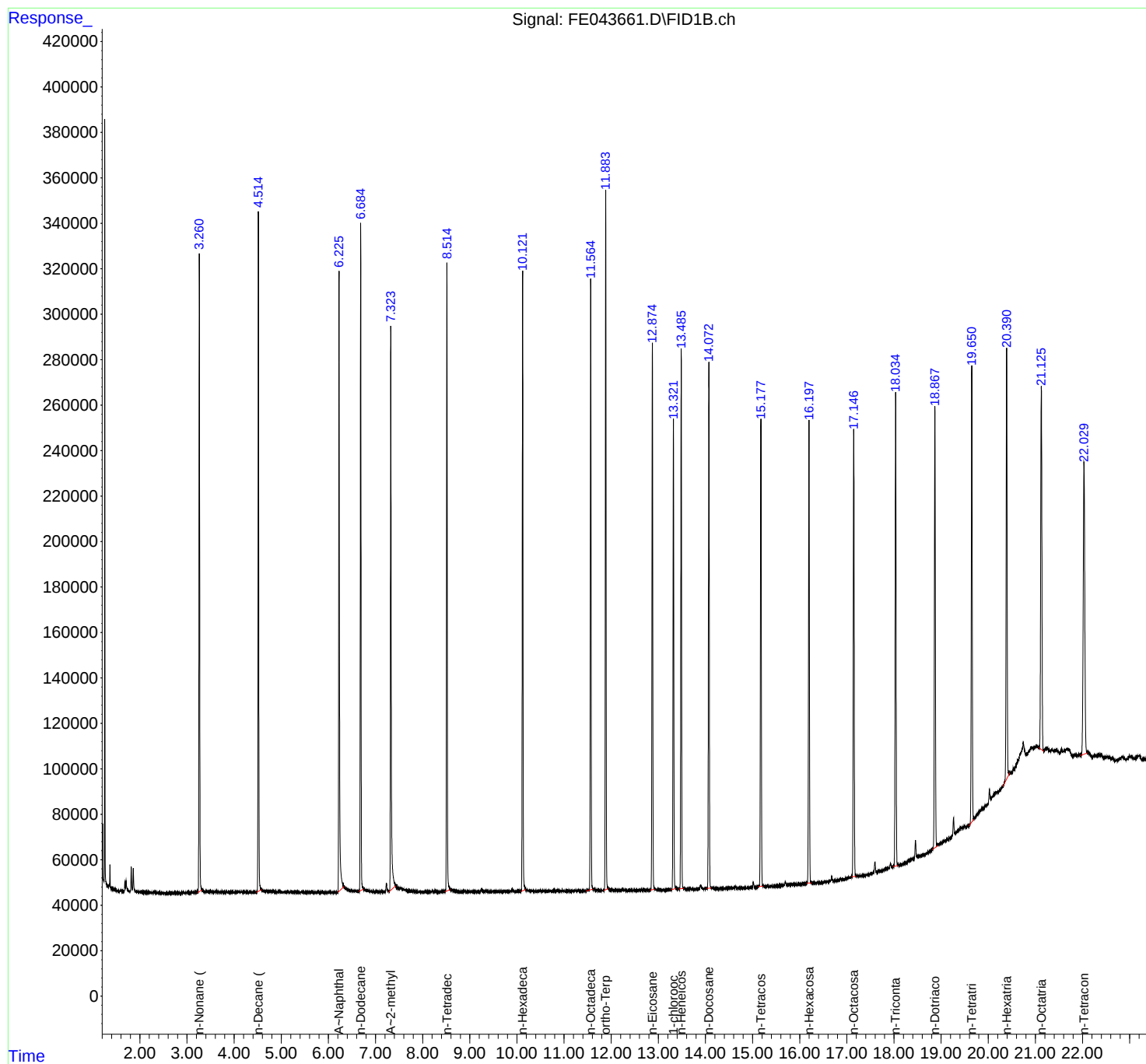
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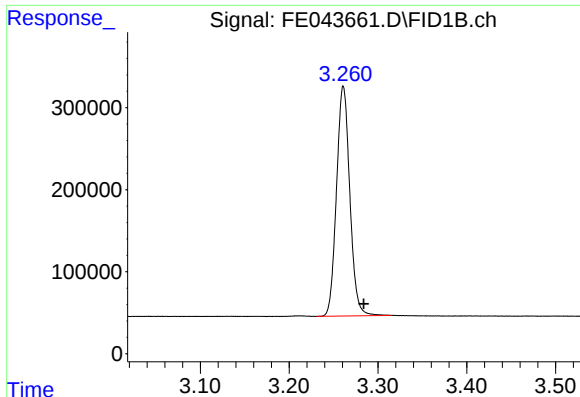
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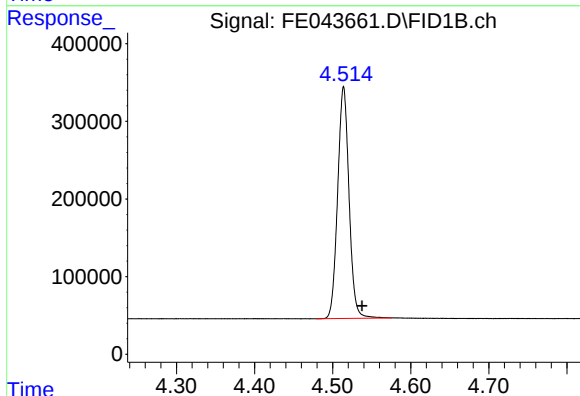




#1 n-Nonane (C9)

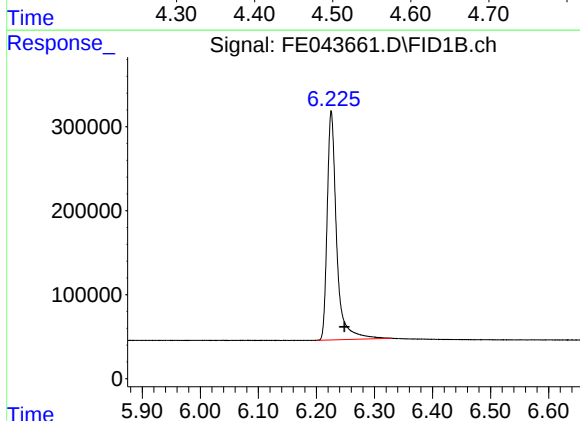
R.T.: 3.261 min
Delta R.T.: -0.023 min
Response: 2920830
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



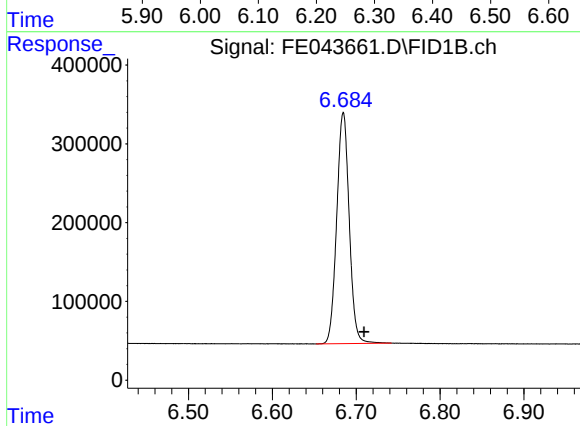
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.024 min
Response: 3025427
Conc: 19.41 ug/ml



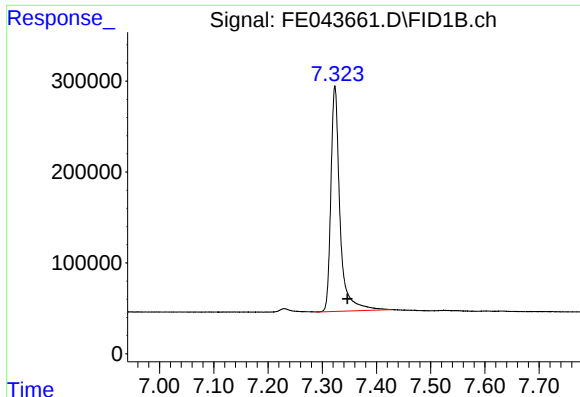
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.022 min
Response: 3079091
Conc: 19.13 ug/ml



#4 n-Dodecane (C12)

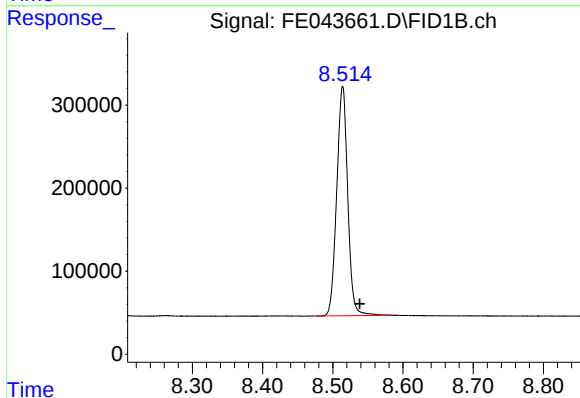
R.T.: 6.685 min
Delta R.T.: -0.025 min
Response: 3040057
Conc: 19.29 ug/ml



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

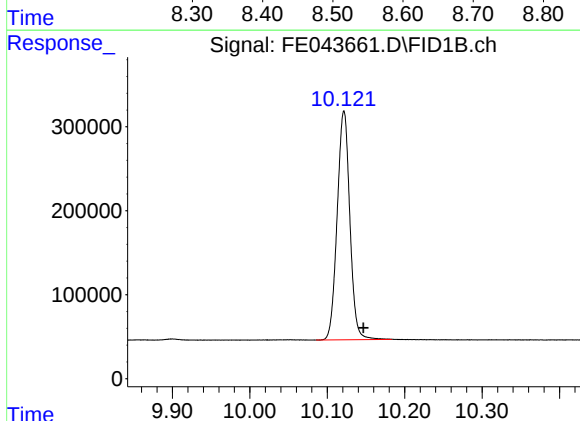
R.T.: 7.324 min
Delta R.T.: -0.023 min
Response: 2901686
Conc: 19.12 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



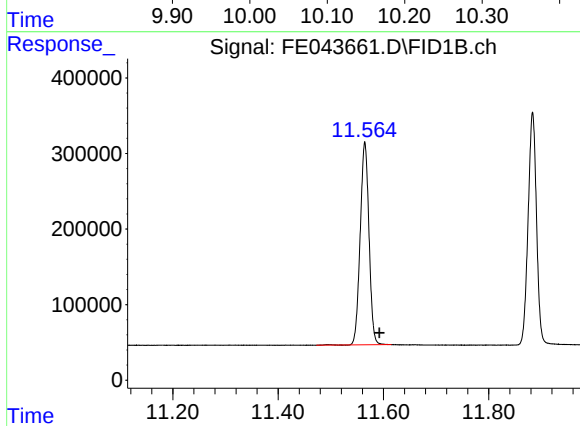
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.024 min
Response: 3015161
Conc: 19.06 ug/ml



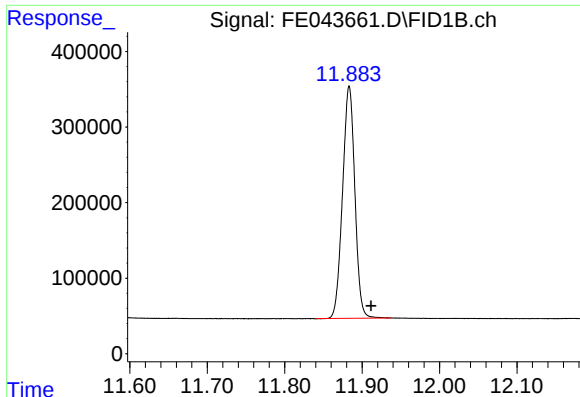
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.025 min
Response: 3099271
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

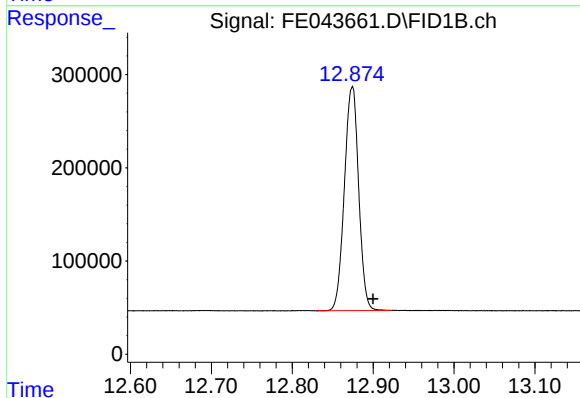
R.T.: 11.565 min
Delta R.T.: -0.027 min
Response: 3106368
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

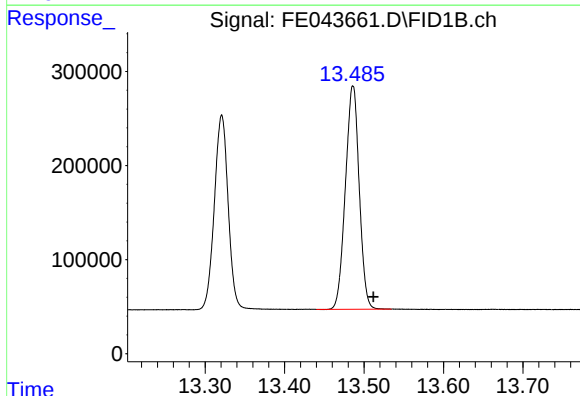
R.T.: 11.883 min
Delta R.T.: -0.028 min
Response: 3398203
Conc: 18.98 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



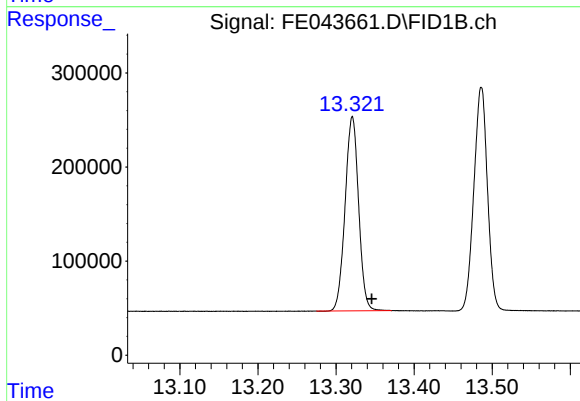
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.025 min
Response: 2948550
Conc: 18.98 ug/ml



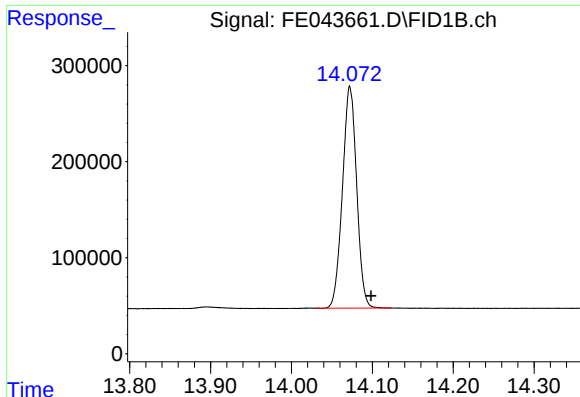
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.026 min
Response: 2868780
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

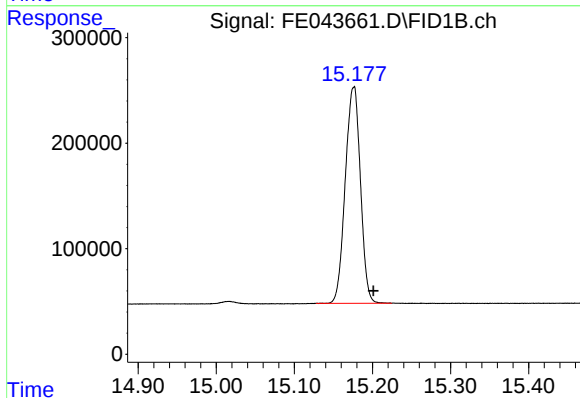
R.T.: 13.321 min
Delta R.T.: -0.025 min
Response: 2488755
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

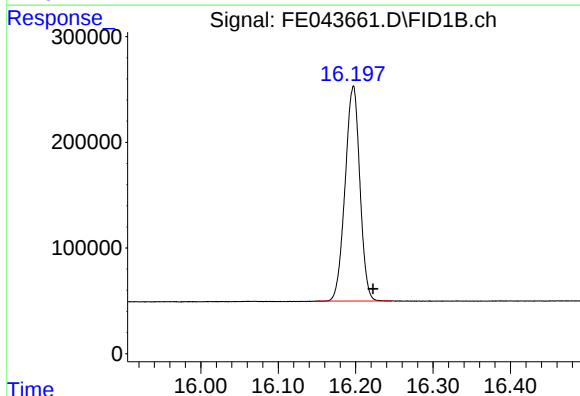
R.T.: 14.072 min
Delta R.T.: -0.026 min
Response: 2824105
Conc: 18.90 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



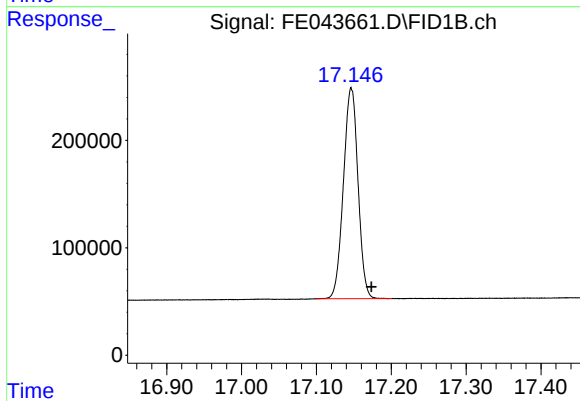
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.025 min
Response: 2770284
Conc: 18.86 ug/ml



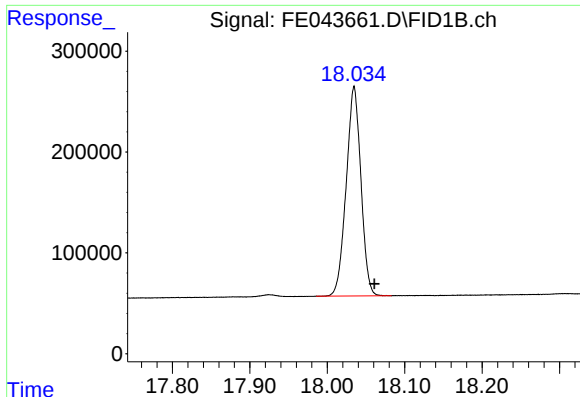
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: -0.025 min
Response: 2701824
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

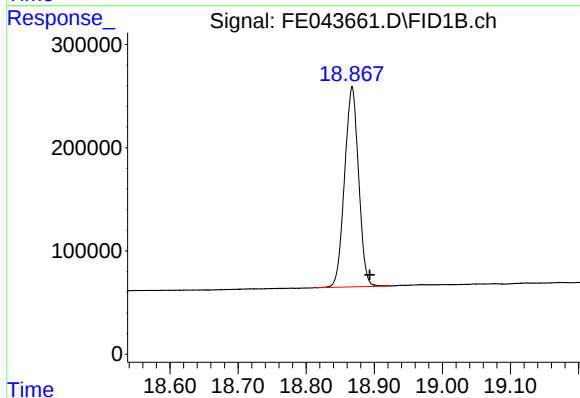
R.T.: 17.147 min
Delta R.T.: -0.027 min
Response: 2659165
Conc: 18.90 ug/ml



#17 n-Tricontane (C30)

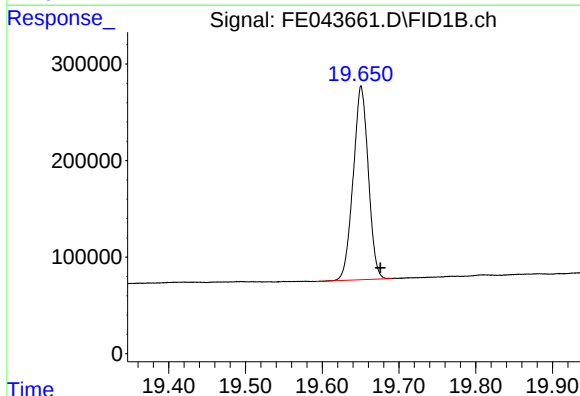
R.T.: 18.035 min
Delta R.T.: -0.026 min
Response: 2745703
Conc: 18.64 ug/ml

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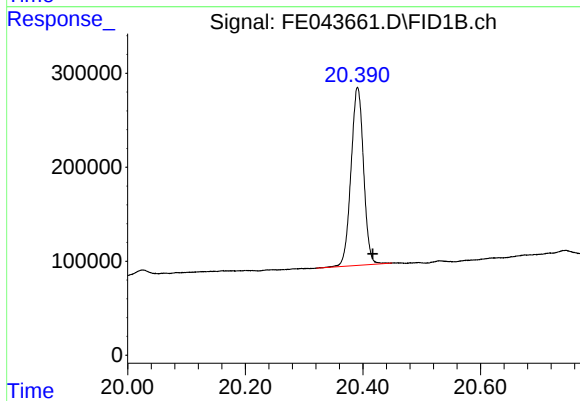
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.026 min
Response: 2773115
Conc: 18.71 ug/ml



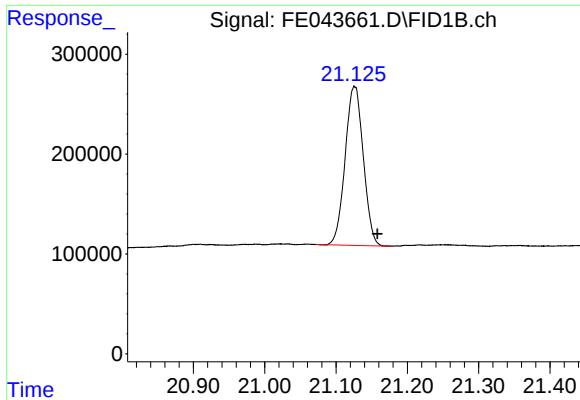
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: -0.025 min
Response: 2745262
Conc: 19.02 ug/ml



#20 n-Hexatriacontane (C36)

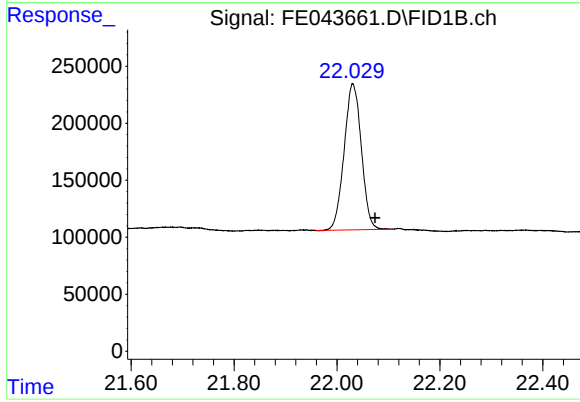
R.T.: 20.391 min
Delta R.T.: -0.026 min
Response: 2808562
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: -0.032 min
Response: 2815097
Conc: 19.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.031 min
Delta R.T.: -0.043 min
Response: 2974814
Conc: 20.16 ug/ml