

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080123AL\
 Data File : FE043658.D
 Signal(s) : FID1B.ch
 Acq On : 01 Aug 2023 09:40
 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 01:09:22 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	3430431	19.157 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
12) S 1-chlorooctadecane (S...	13.321	2500215	19.028 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
Target Compounds			
1) T n-Nonane (C9)	3.261	2928996	19.184 ug/ml
2) T n-Decane (C10)	4.514	3028042	19.423 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3092778	19.220 ug/ml
4) T n-Dodecane (C12)	6.685	3040098	19.293 ug/ml
5) T A~2-methylnaphthalene...	7.323	2916087	19.218 ug/ml
6) T n-Tetradecane (C14)	8.514	3016425	19.071 ug/ml
7) T n-Hexadecane (C16)	10.121	3112118	19.230 ug/ml
8) T n-Octadecane (C18)	11.564	3127937	19.188 ug/ml
10) T n-Eicosane (C20)	12.874	2970612	19.120 ug/ml
11) T n-Heneicosane (C21)	13.486	2889064	19.069 ug/ml
13) T n-Docosane (C22)	14.072	2848045	19.057 ug/ml
14) T n-Tetracosane (C24)	15.175	2788945	18.990 ug/ml
15) T n-Hexacosane (C26)	16.197	2718928	19.090 ug/ml
16) T n-Octacosane (C28)	17.147	2676822	19.024 ug/ml
17) T n-Tricontane (C30)	18.035	2813158	19.096 ug/ml
18) T n-Dotriacontane (C32)	18.868	2937745	19.826 ug/ml
19) T n-Tetratriacontane (C34)	19.652	2917419	20.215 ug/ml
20) T n-Hexatriacontane (C36)	20.392	2847949	19.377 ug/ml
21) T n-Octatriacontane (C38)	21.128	2983027	20.911 ug/ml
22) T n-Tetracontane (C40)	22.033	3337666	22.615 ug/ml

(f)=RT Delta > 1/2 Window

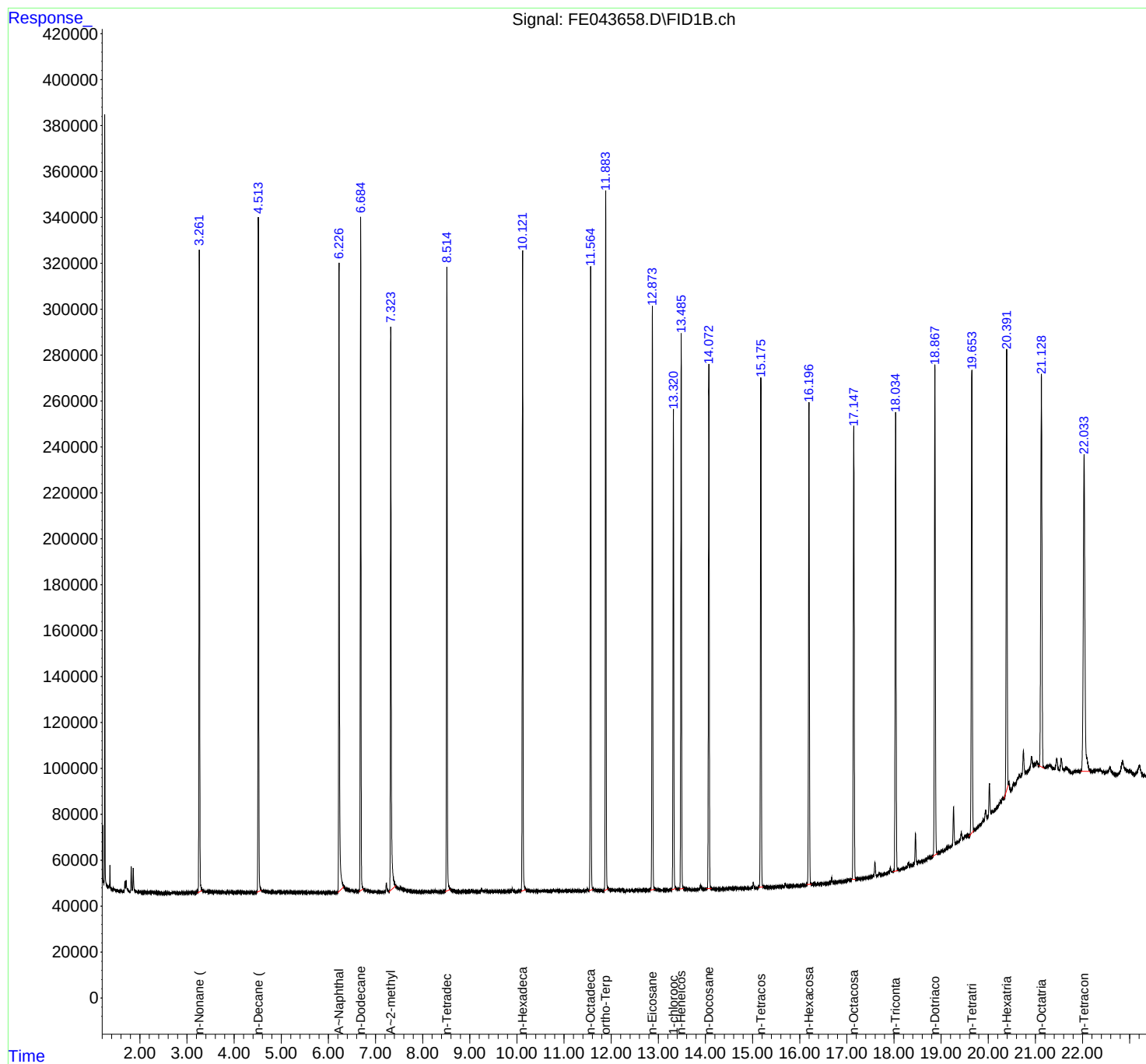
(m)=manual int.

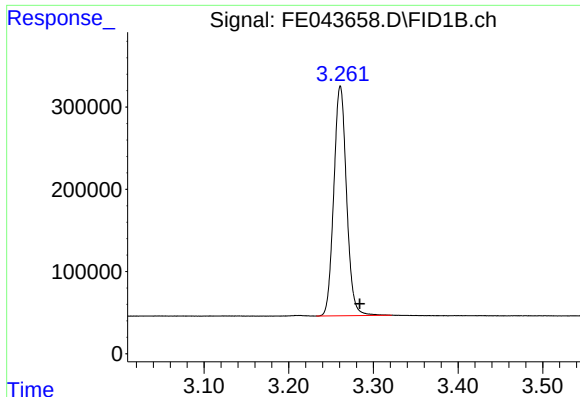
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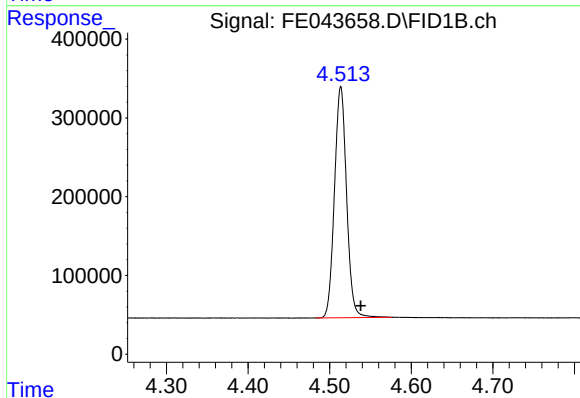




#1 n-Nonane (C9)

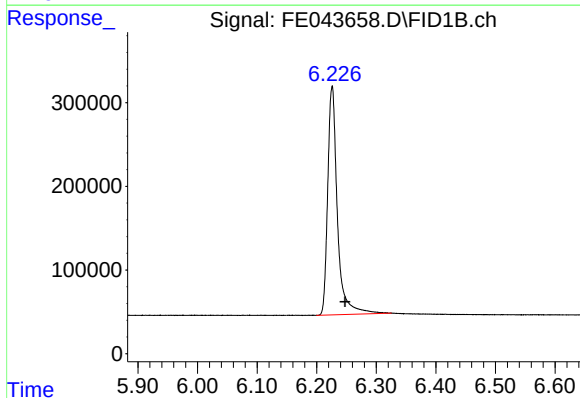
R.T.: 3.261 min
Delta R.T.: -0.023 min
Response: 2928996
Conc: 19.18 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



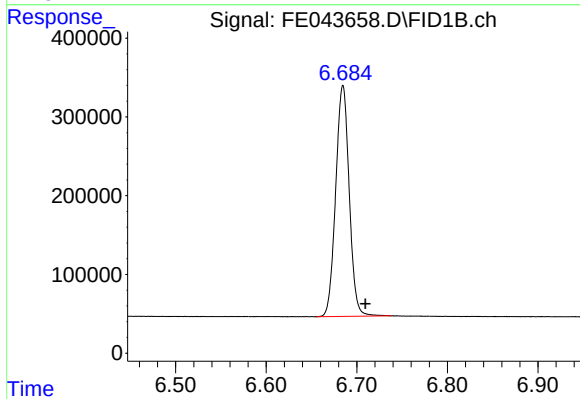
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.024 min
Response: 3028042
Conc: 19.42 ug/ml



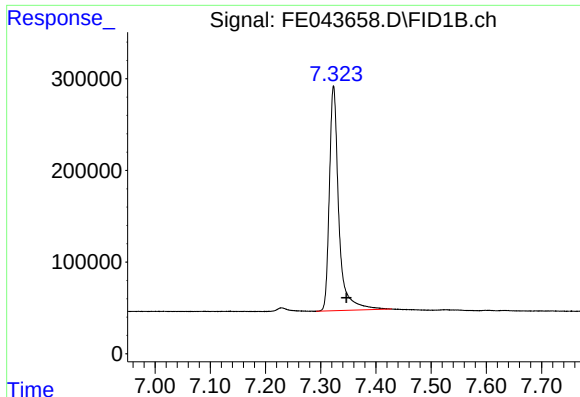
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.022 min
Response: 3092778
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

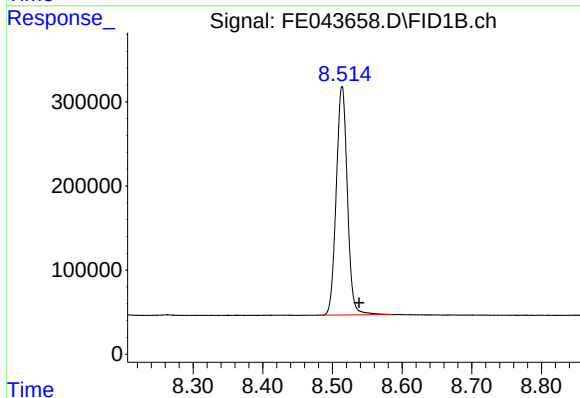
R.T.: 6.685 min
Delta R.T.: -0.025 min
Response: 3040098
Conc: 19.29 ug/ml



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

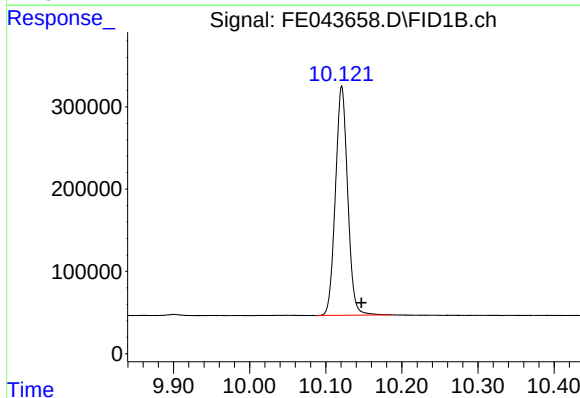
R.T.: 7.323 min
Delta R.T.: -0.023 min
Response: 2916087
Conc: 19.22 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



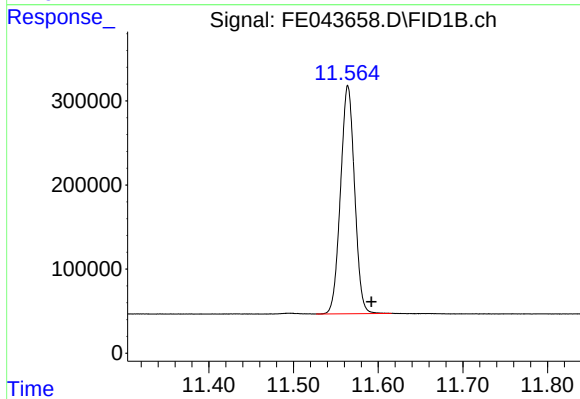
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.025 min
Response: 3016425
Conc: 19.07 ug/ml



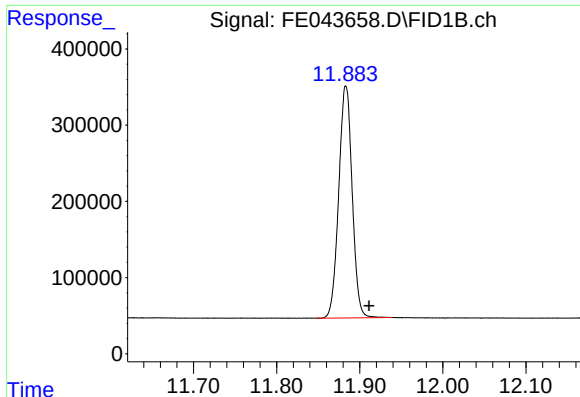
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.026 min
Response: 3112118
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

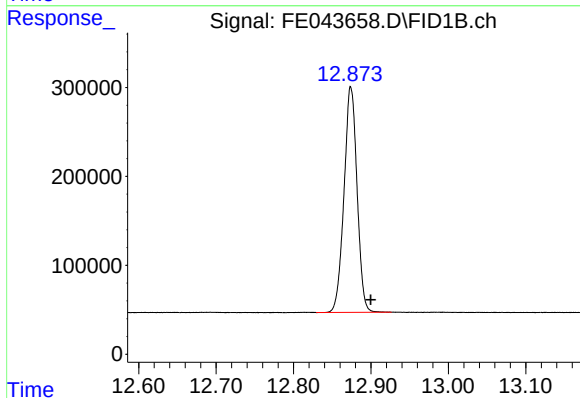
R.T.: 11.564 min
Delta R.T.: -0.028 min
Response: 3127937
Conc: 19.19 ug/ml



#9 ortho-Terphenyl (SURR)

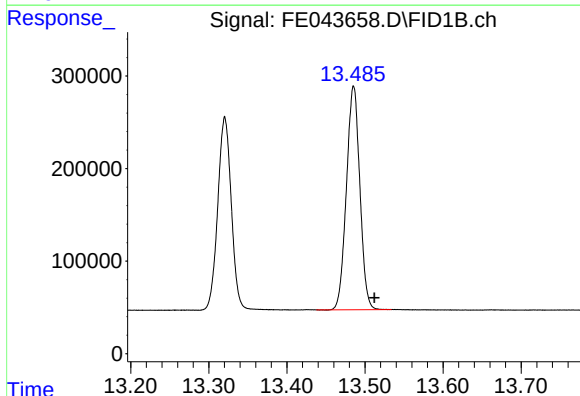
R.T.: 11.883 min
Delta R.T.: -0.028 min
Response: 3430431
Conc: 19.16 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



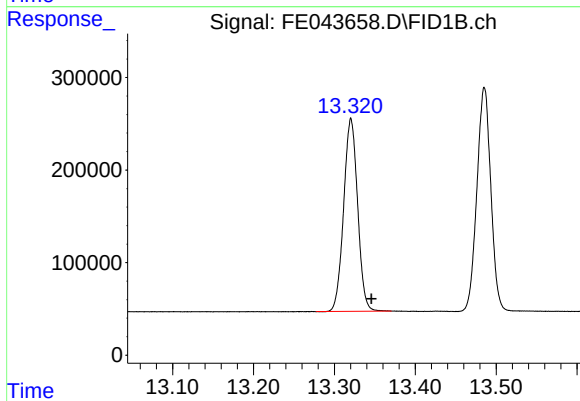
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.026 min
Response: 2970612
Conc: 19.12 ug/ml



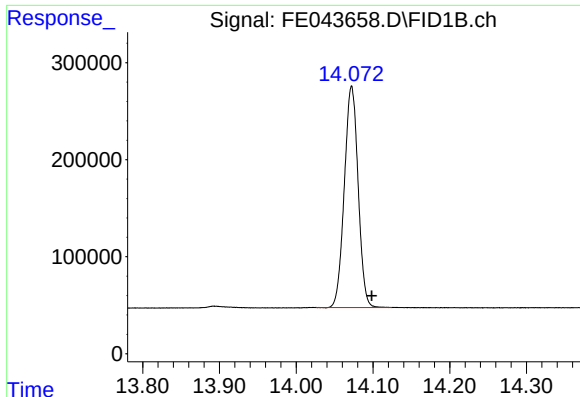
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.026 min
Response: 2889064
Conc: 19.07 ug/ml



#12 1-chlorooctadecane (SURR)

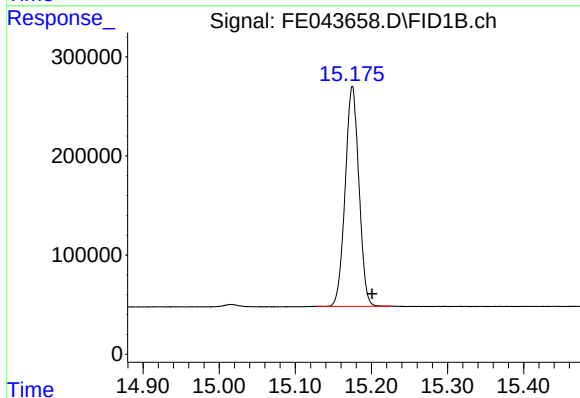
R.T.: 13.321 min
Delta R.T.: -0.025 min
Response: 2500215
Conc: 19.03 ug/ml



#13 n-Docosane (C22)

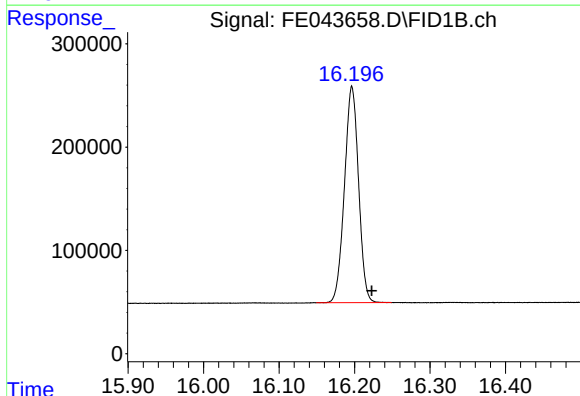
R.T.: 14.072 min
Delta R.T.: -0.026 min
Response: 2848045
Conc: 19.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



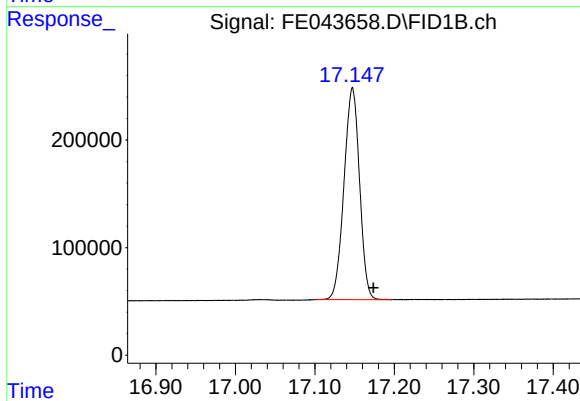
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.026 min
Response: 2788945
Conc: 18.99 ug/ml



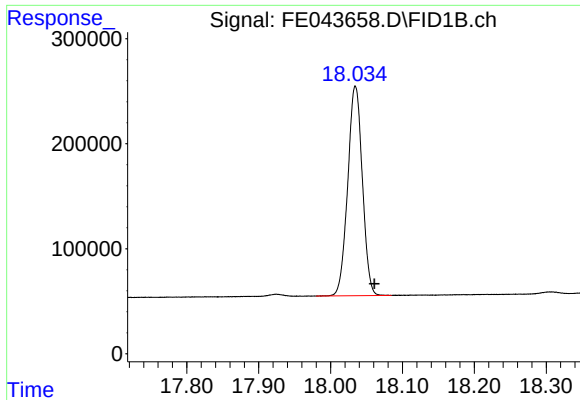
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: -0.026 min
Response: 2718928
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

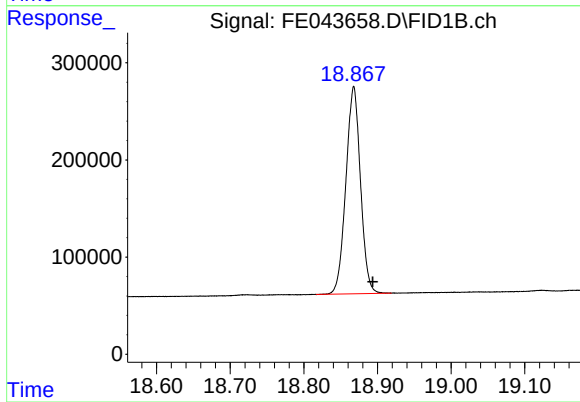
R.T.: 17.147 min
Delta R.T.: -0.026 min
Response: 2676822
Conc: 19.02 ug/ml



#17 n-Tricontane (C30)

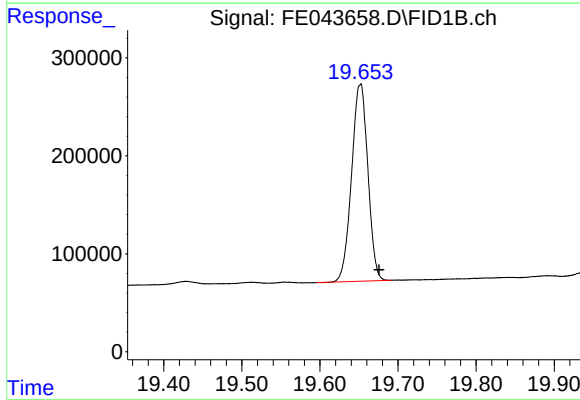
R.T.: 18.035 min
Delta R.T.: -0.026 min
Response: 2813158
Conc: 19.10 ug/ml

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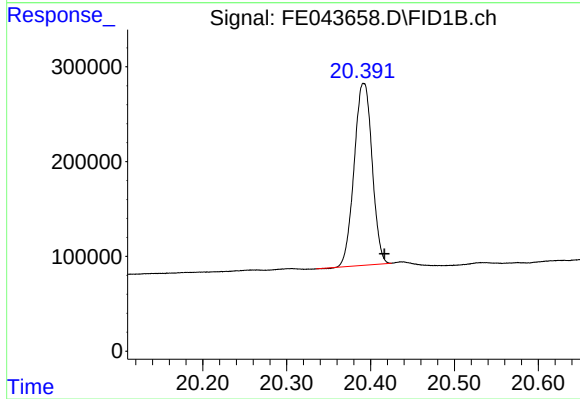
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.026 min
Response: 2937745
Conc: 19.83 ug/ml



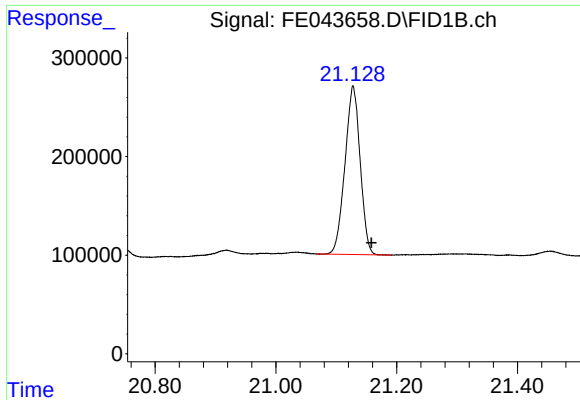
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.024 min
Response: 2917419
Conc: 20.21 ug/ml



#20 n-Hexatriacontane (C36)

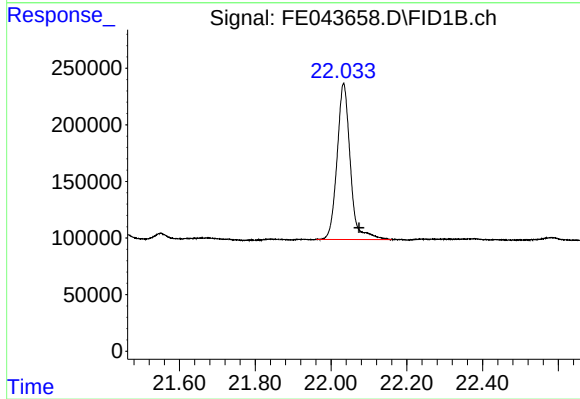
R.T.: 20.392 min
Delta R.T.: -0.025 min
Response: 2847949
Conc: 19.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.031 min
Response: 2983027
Conc: 20.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.041 min
Response: 3337666
Conc: 22.62 ug/ml