

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102622AL\
 Data File : FD044257.D
 Signal(s) : FID2B.ch
 Acq On : 26 Oct 2022 16:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 26 17:46:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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)	11.297	3245231	20.617 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	12.712	2535018	20.157 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	3.125	2735892	20.262 ug/ml
2) T n-Decane (C10)	4.177	2794777	20.802 ug/ml
3) T A~Naphthalene (C11.7)	5.751	1465985	10.972 ug/ml
4) T n-Dodecane (C12)	6.176	2876220	20.699 ug/ml
6) T n-Tetradecane (C14)	7.955	2910726	20.907 ug/ml
7) T n-Hexadecane (C16)	9.544	2971293	21.065 ug/ml
8) T n-Octadecane (C18)	10.974	3037657	20.890 ug/ml
10) T n-Eicosane (C20)	12.271	3044348	20.530 ug/ml
11) T n-Heneicosane (C21)	12.878	3036263	20.238 ug/ml
13) T n-Docosane (C22)	13.459	3091733	20.564 ug/ml
14) T n-Tetracosane (C24)	14.552	3062107	20.288 ug/ml
15) T n-Hexacosane (C26)	15.562	2955680	19.521 ug/ml
16) T n-Octacosane (C28)	16.502	2889949	19.182 ug/ml
17) T n-Tricontane (C30)	17.380	2936173	19.156 ug/ml
18) T n-Dotriacontane (C32)	18.203	2907060	18.956 ug/ml
19) T n-Tetratriacontane (C34)	18.977	2700041	18.341 ug/ml
20) T n-Hexatriacontane (C36)	19.707	2617966	17.856 ug/ml
21) T n-Octatriacontane (C38)	20.399	2545870	18.249 ug/ml
22) T n-Tetracontane (C40)	21.155	2443031	18.784 ug/ml

(f)=RT Delta > 1/2 Window

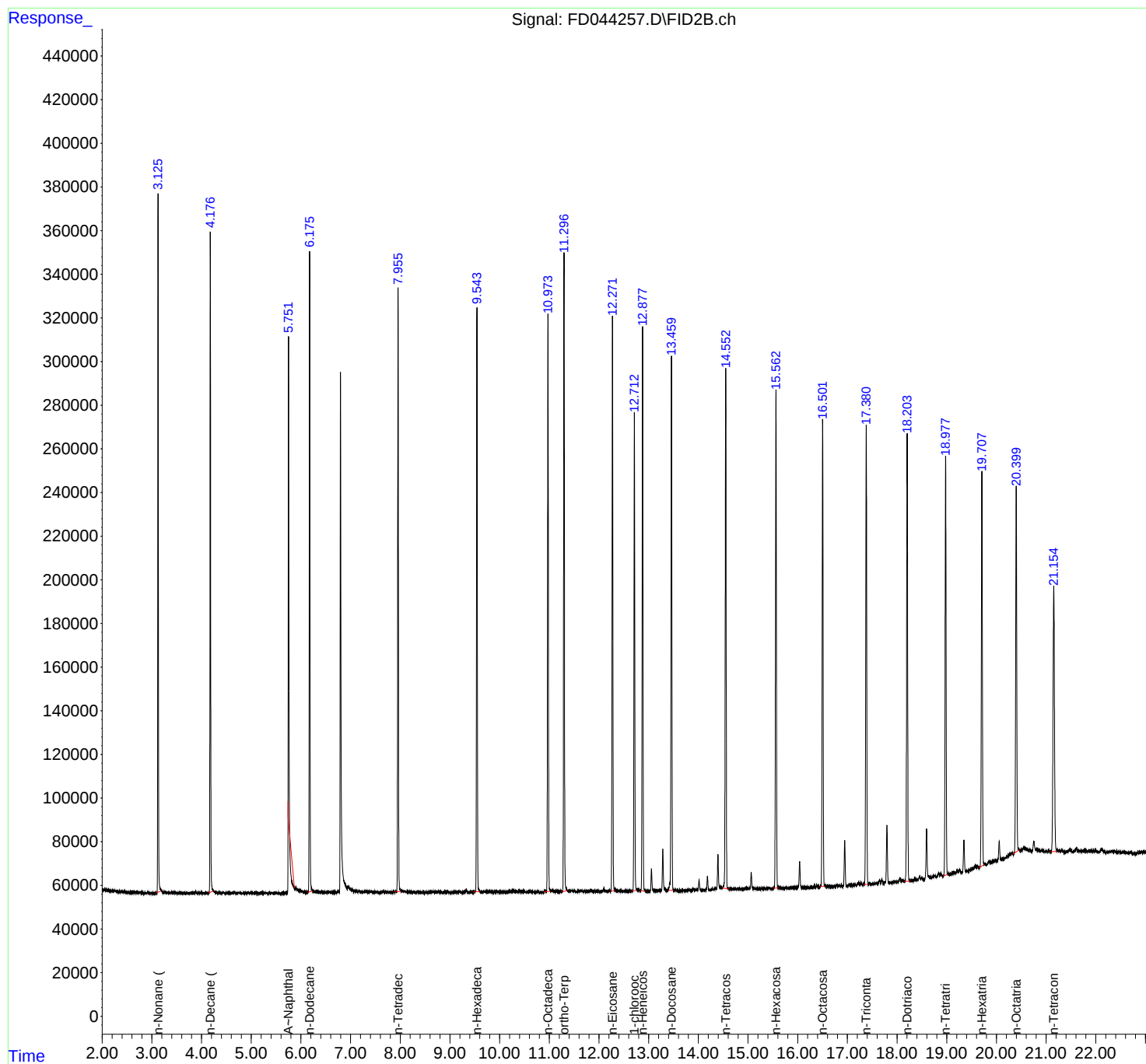
(m)=manual int.

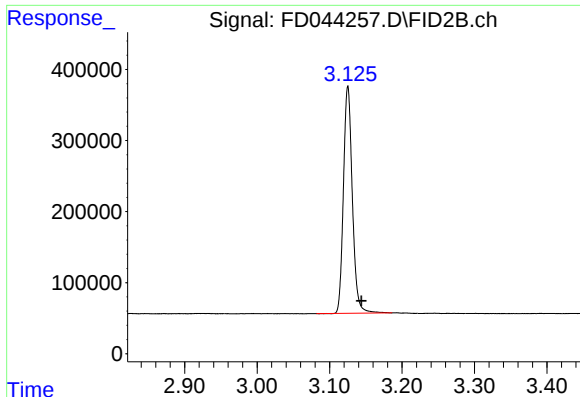
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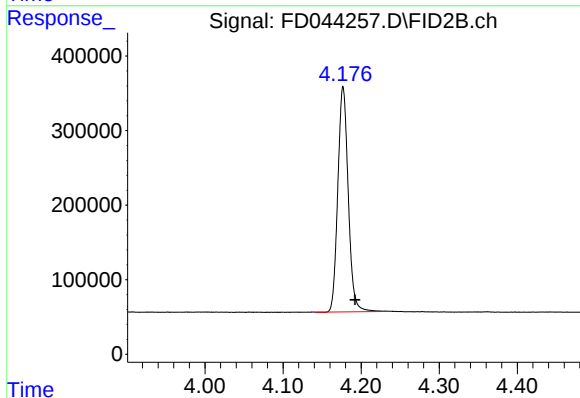




#1 n-Nonane (C9)

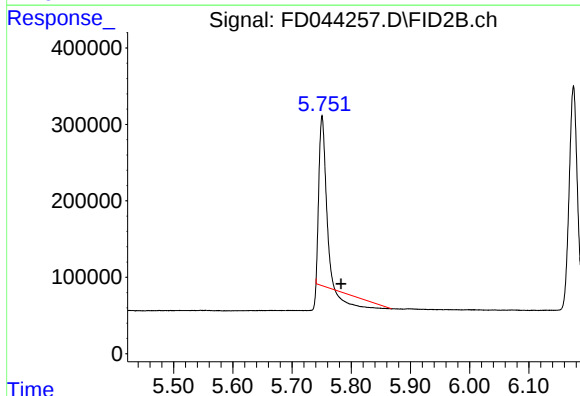
R.T.: 3.125 min
Delta R.T.: -0.019 min
Response: 2735892
Conc: 20.26 ug/ml

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20 PPM ALIPHATIC HC STD



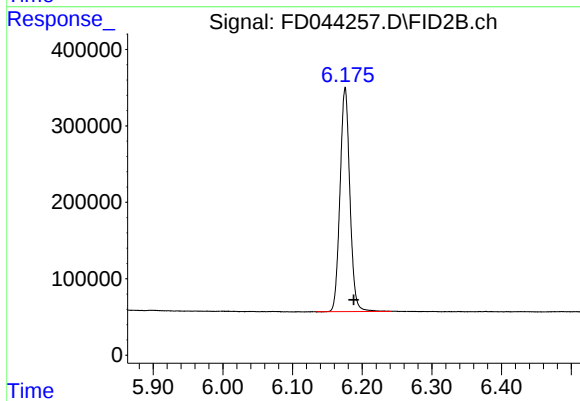
#2 n-Decane (C10)

R.T.: 4.177 min
Delta R.T.: -0.015 min
Response: 2794777
Conc: 20.80 ug/ml



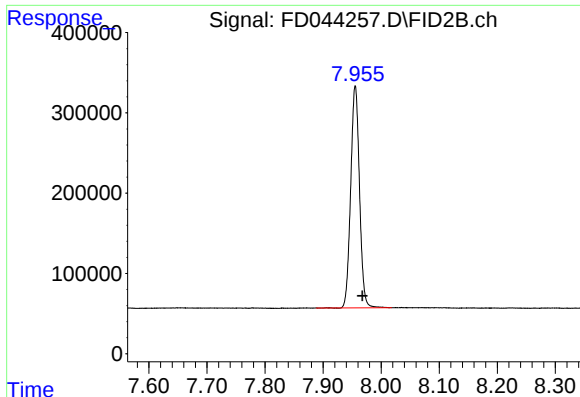
#3 A~Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.032 min
Response: 1465985
Conc: 10.97 ug/ml



#4 n-Dodecane (C12)

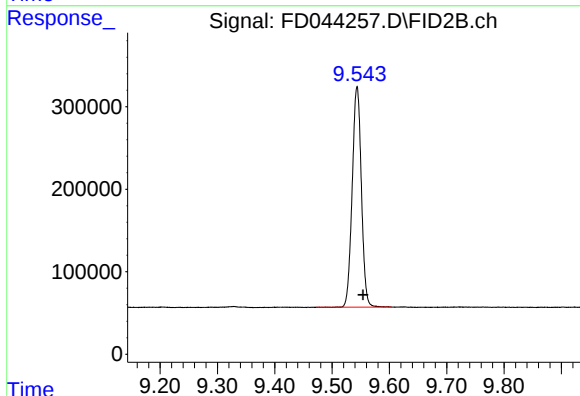
R.T.: 6.176 min
Delta R.T.: -0.012 min
Response: 2876220
Conc: 20.70 ug/ml



#6 n-Tetradecane (C14)

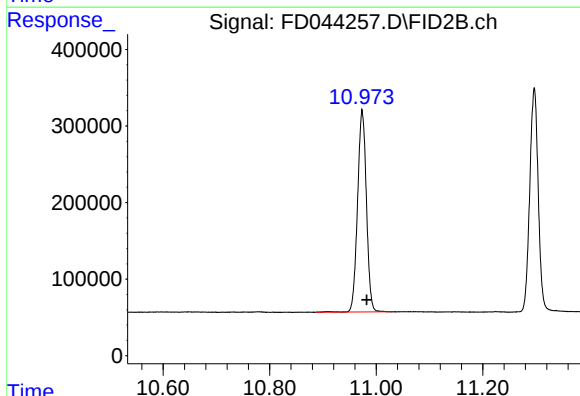
R.T.: 7.955 min
Delta R.T.: -0.012 min
Response: 2910726
Conc: 20.91 ug/ml

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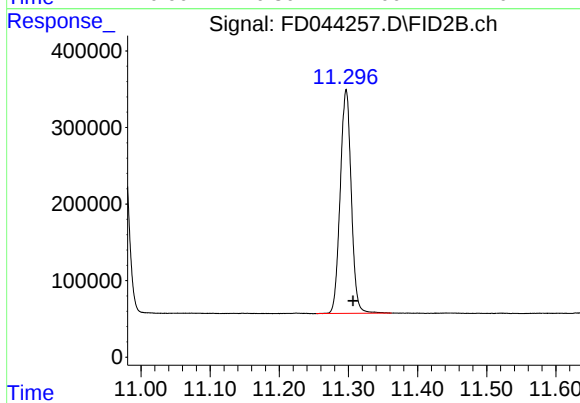
#7 n-Hexadecane (C16)

R.T.: 9.544 min
Delta R.T.: -0.010 min
Response: 2971293
Conc: 21.07 ug/ml



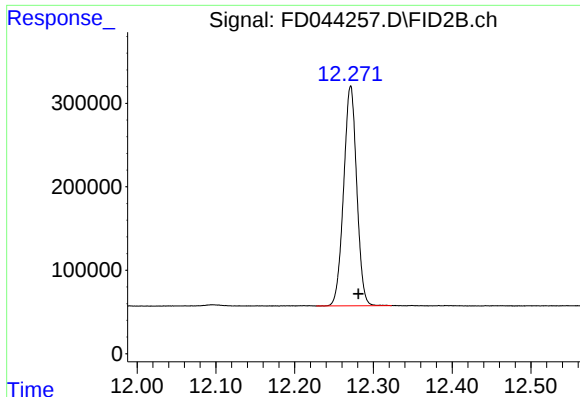
#8 n-Octadecane (C18)

R.T.: 10.974 min
Delta R.T.: -0.009 min
Response: 3037657
Conc: 20.89 ug/ml



#9 ortho-Terphenyl (SURR)

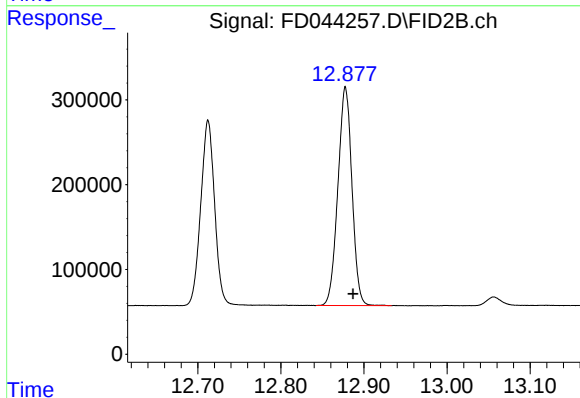
R.T.: 11.297 min
Delta R.T.: -0.010 min
Response: 3245231
Conc: 20.62 ug/ml



#10 n-Eicosane (C20)

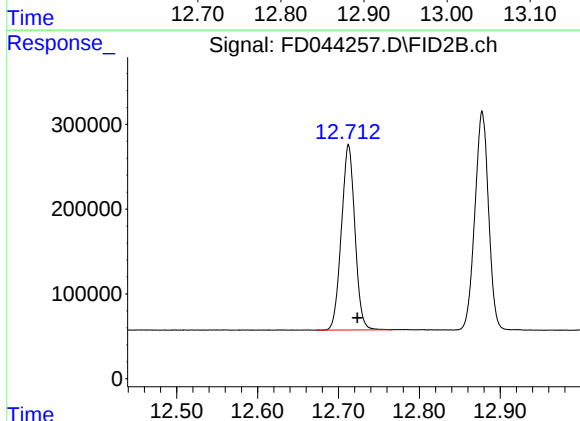
R.T.: 12.271 min
Delta R.T.: -0.010 min
Response: 3044348
Conc: 20.53 ug/ml

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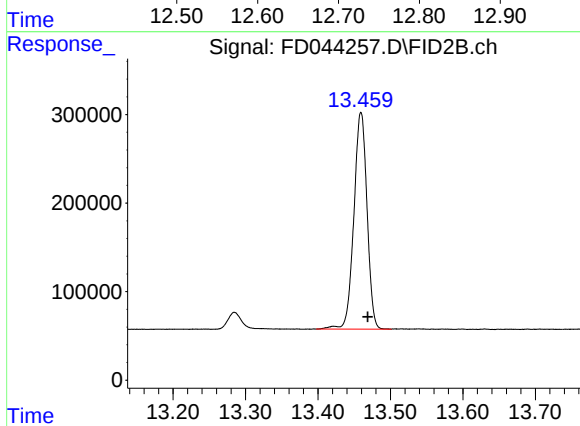
#11 n-Heneicosane (C21)

R.T.: 12.878 min
Delta R.T.: -0.009 min
Response: 3036263
Conc: 20.24 ug/ml



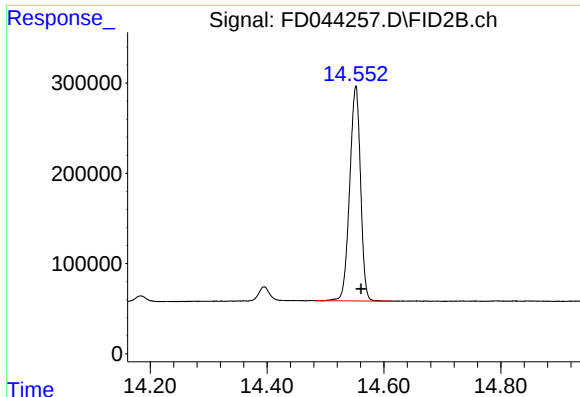
#12 1-chlorooctadecane (SURR)

R.T.: 12.712 min
Delta R.T.: -0.011 min
Response: 2535018
Conc: 20.16 ug/ml



#13 n-Docosane (C22)

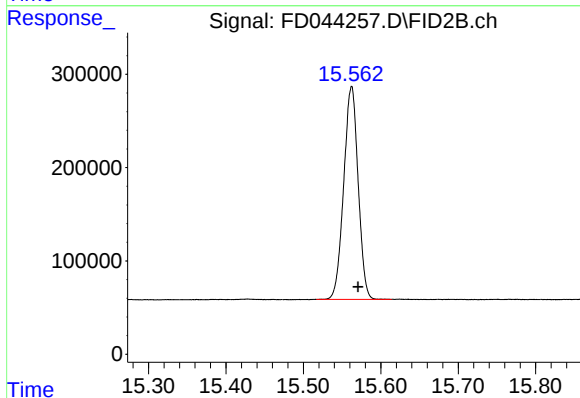
R.T.: 13.459 min
Delta R.T.: -0.009 min
Response: 3091733
Conc: 20.56 ug/ml



#14 n-Tetracosane (C24)

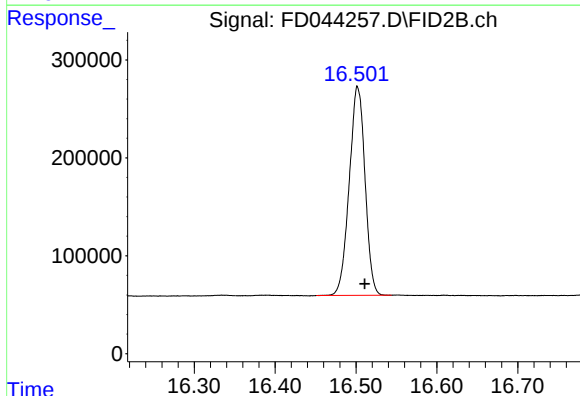
R.T.: 14.552 min
Delta R.T.: -0.009 min
Response: 3062107
Conc: 20.29 ug/ml

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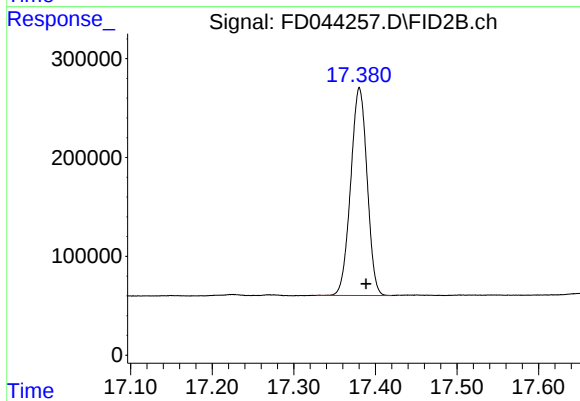
#15 n-Hexacosane (C26)

R.T.: 15.562 min
Delta R.T.: -0.008 min
Response: 2955680
Conc: 19.52 ug/ml



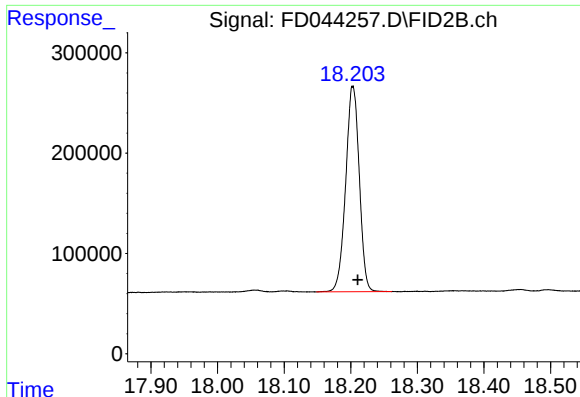
#16 n-Octacosane (C28)

R.T.: 16.502 min
Delta R.T.: -0.009 min
Response: 2889949
Conc: 19.18 ug/ml



#17 n-Tricontane (C30)

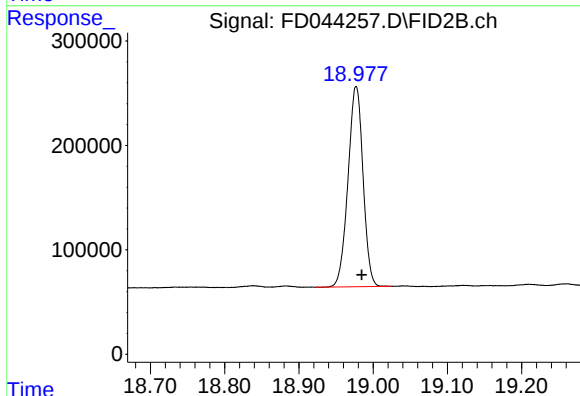
R.T.: 17.380 min
Delta R.T.: -0.008 min
Response: 2936173
Conc: 19.16 ug/ml



#18 n-Dotriacontane (C32)

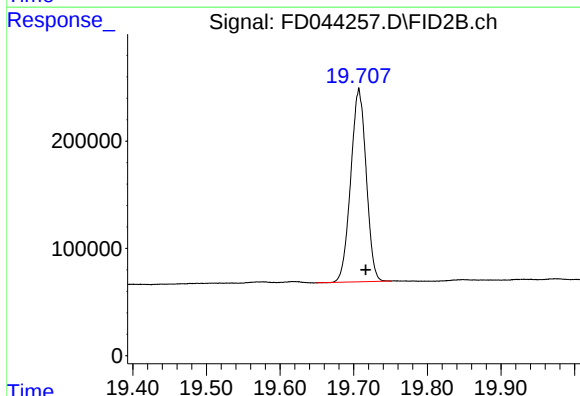
R.T.: 18.203 min
Delta R.T.: -0.007 min
Response: 2907060
Conc: 18.96 ug/ml

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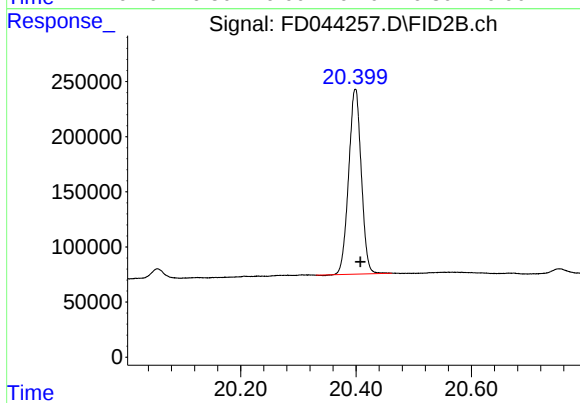
#19 n-Tetratriacontane (C34)

R.T.: 18.977 min
Delta R.T.: -0.008 min
Response: 2700041
Conc: 18.34 ug/ml



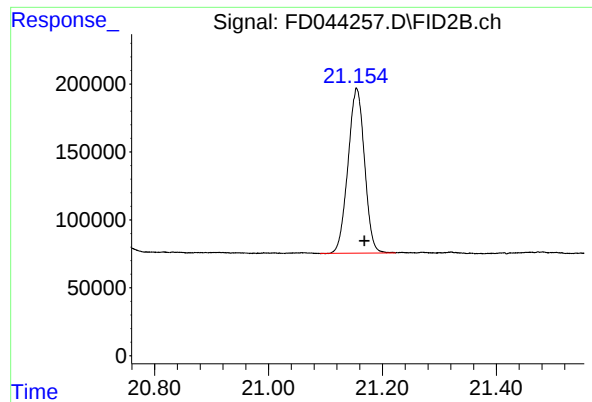
#20 n-Hexatriacontane (C36)

R.T.: 19.707 min
Delta R.T.: -0.009 min
Response: 2617966
Conc: 17.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.399 min
Delta R.T.: -0.009 min
Response: 2545870
Conc: 18.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.155 min
Delta R.T.: -0.014 min
Response: 2443031
Conc: 18.78 ug/ml

Instrument :

FID_D

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