

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110723AL\
 Data File : FF013718.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 14:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 07 17:55:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 07 13:01:16 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)	11.871	3503533	21.217 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
12) S 1-chlorooctadecane (S...	13.310	2593537	21.457 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
Target Compounds			
1) T n-Nonane (C9)	3.269	2705393	20.878 ug/ml
2) T n-Decane (C10)	4.519	2780923	21.019 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2981060	21.004 ug/ml
4) T n-Dodecane (C12)	6.683	2831910	21.118 ug/ml
5) T A~2-methylnaphthalene...	7.310	2924183	21.146 ug/ml
6) T n-Tetradecane (C14)	8.508	2797606	21.138 ug/ml
7) T n-Hexadecane (C16)	10.115	2847151	21.138 ug/ml
8) T n-Octadecane (C18)	11.558	2902511	21.231 ug/ml
10) T n-Eicosane (C20)	12.867	2872425	21.276 ug/ml
11) T n-Heneicosane (C21)	13.478	2836218	21.325 ug/ml
13) T n-Docosane (C22)	14.065	2814368	21.115 ug/ml
14) T n-Tetracosane (C24)	15.169	2833335	21.026 ug/ml
15) T n-Hexacosane (C26)	16.190	2783210	20.672 ug/ml
16) T n-Octacosane (C28)	17.141	2743911	20.740 ug/ml
17) T n-Tricontane (C30)	18.029	2790830	20.985 ug/ml
18) T n-Dotriacontane (C32)	18.860	2776490	21.350 ug/ml
19) T n-Tetratriacontane (C34)	19.645	2594510	21.520 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2487555	21.097 ug/ml
21) T n-Octatriacontane (C38)	21.111	2466921	21.335 ug/ml
22) T n-Tetracontane (C40)	22.002	2520811	21.329 ug/ml

(f)=RT Delta > 1/2 Window

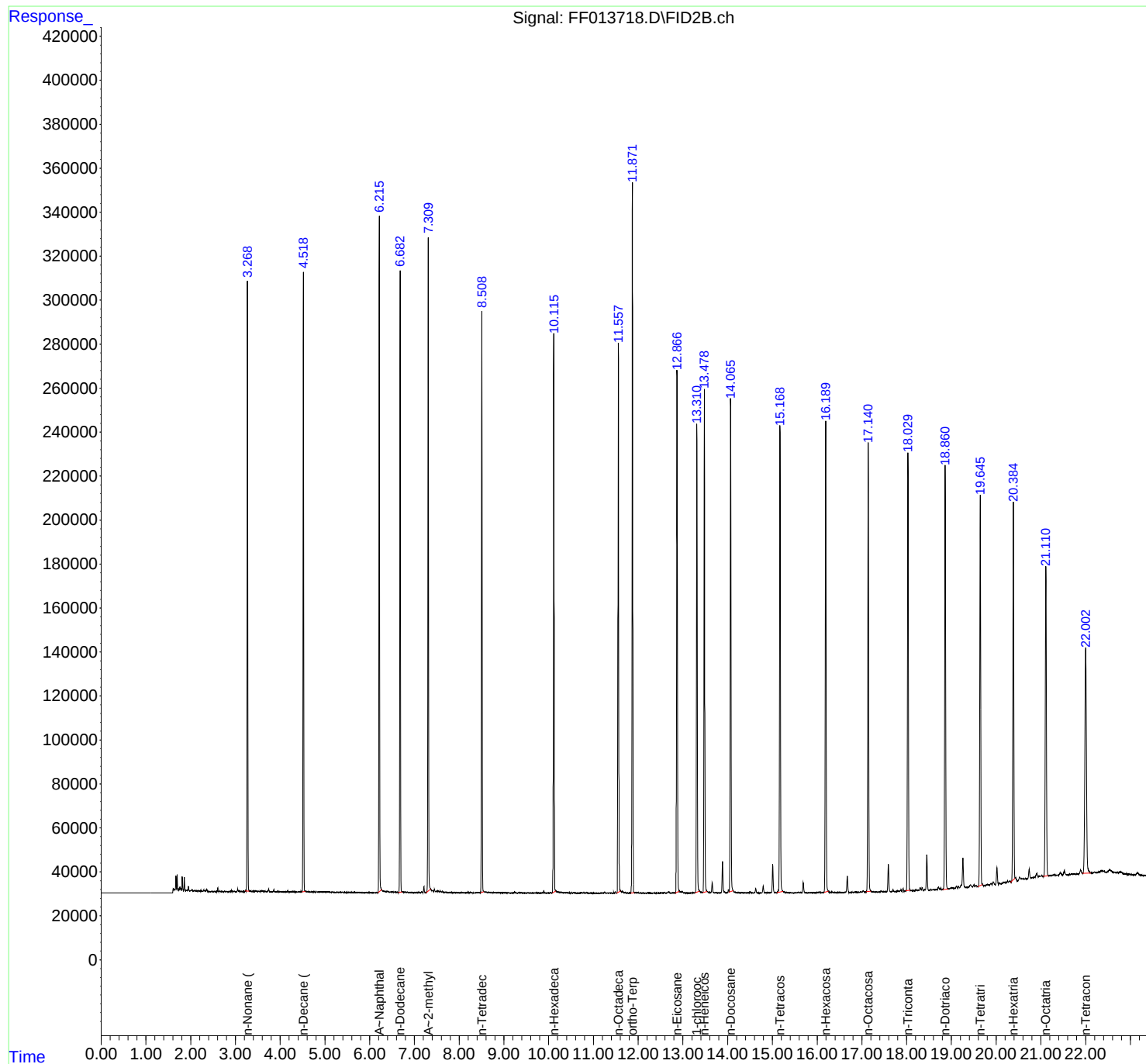
(m)=manual int.

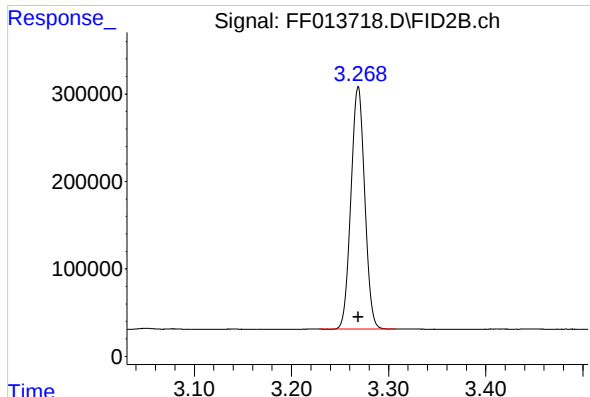
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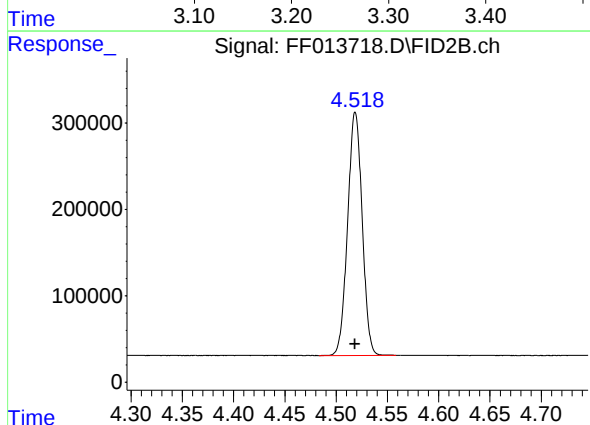




#1 n-Nonane (C9)

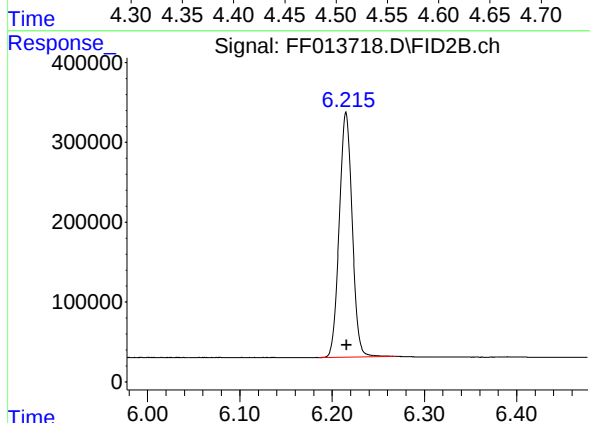
R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 2705393
Conc: 20.88 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



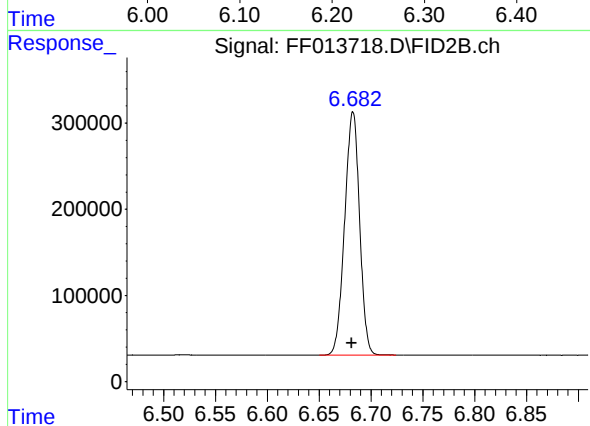
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 2780923
Conc: 21.02 ug/ml



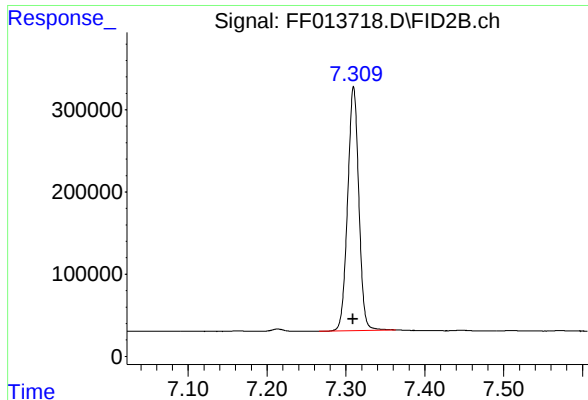
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 2981060
Conc: 21.00 ug/ml



#4 n-Dodecane (C12)

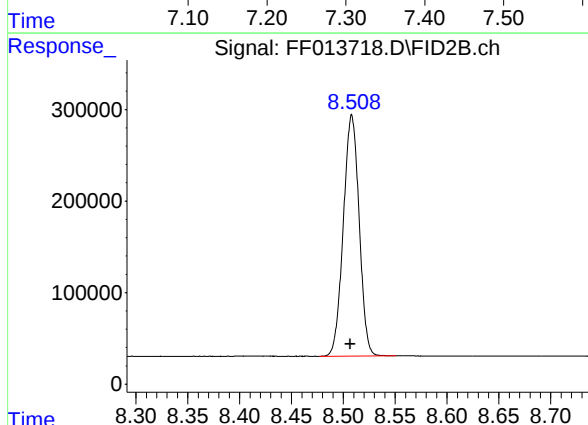
R.T.: 6.683 min
Delta R.T.: 0.001 min
Response: 2831910
Conc: 21.12 ug/ml



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

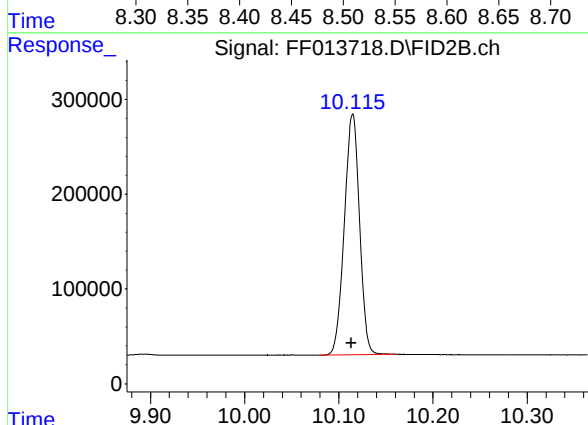
R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 2924183
Conc: 21.15 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



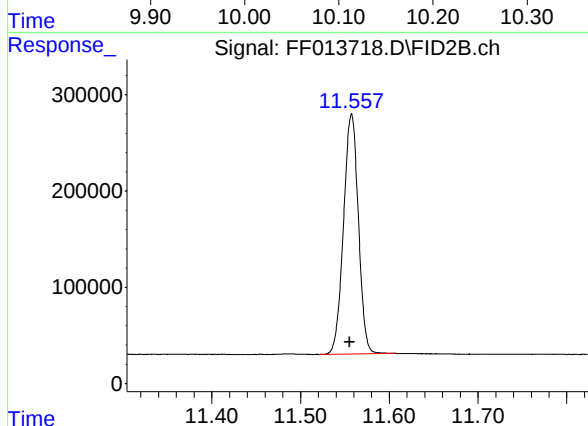
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: 0.001 min
Response: 2797606
Conc: 21.14 ug/ml



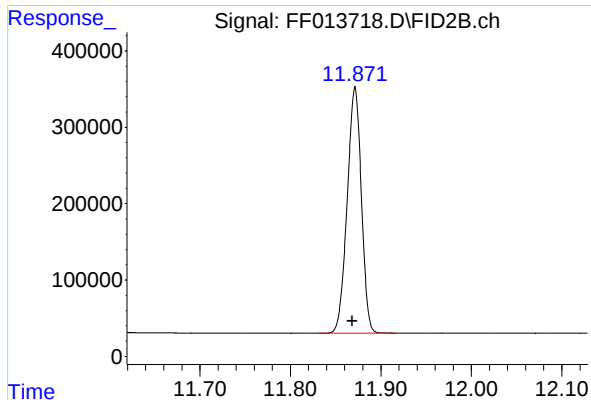
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: 0.001 min
Response: 2847151
Conc: 21.14 ug/ml



#8 n-Octadecane (C18)

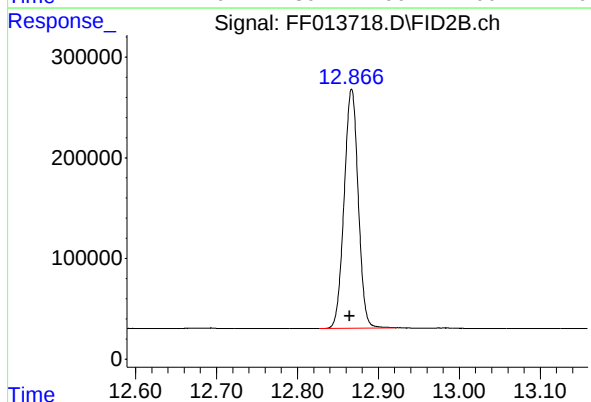
R.T.: 11.558 min
Delta R.T.: 0.002 min
Response: 2902511
Conc: 21.23 ug/ml



#9 ortho-Terphenyl (SURR)

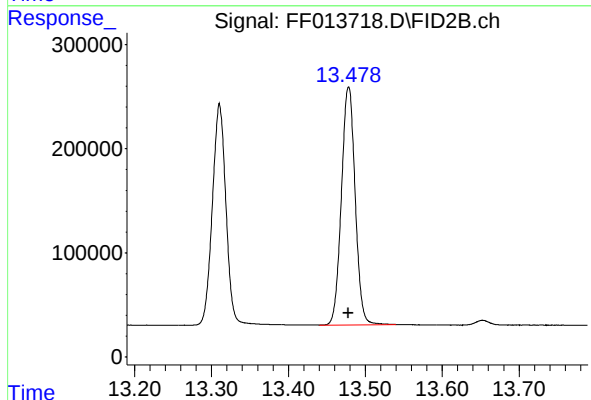
R.T.: 11.871 min
Delta R.T.: 0.003 min
Response: 3503533
Conc: 21.22 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



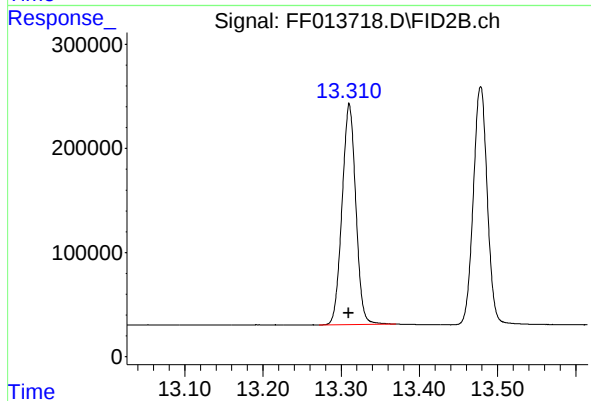
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.002 min
Response: 2872425
Conc: 21.28 ug/ml



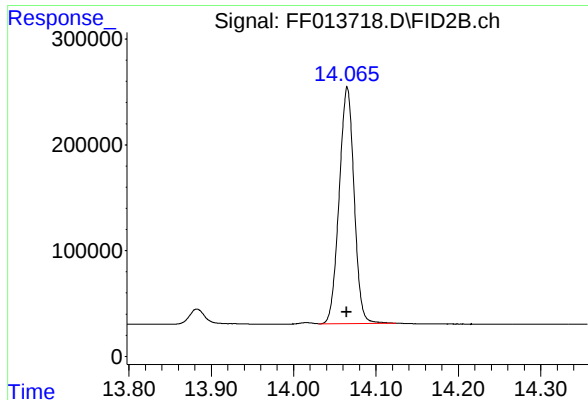
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.000 min
Response: 2836218
Conc: 21.33 ug/ml



#12 1-chlorooctadecane (SURR)

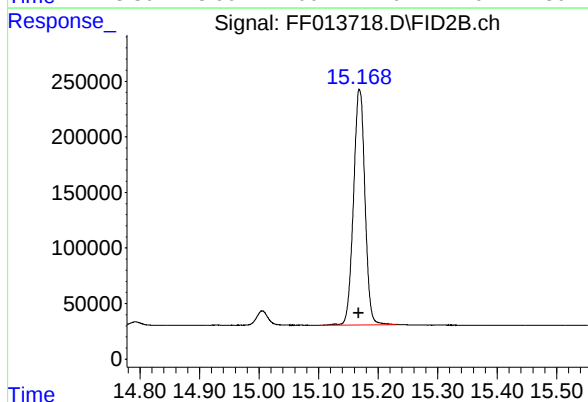
R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 2593537
Conc: 21.46 ug/ml



#13 n-Docosane (C22)

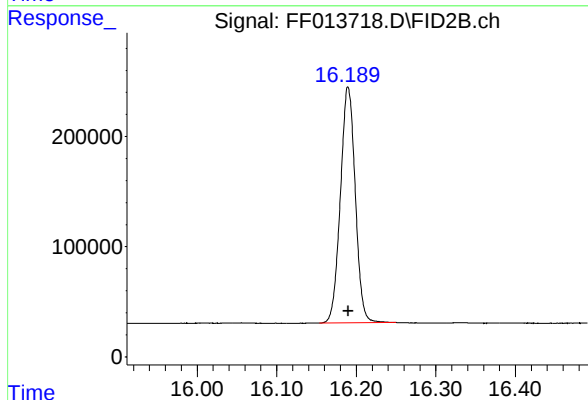
R.T.: 14.065 min
Delta R.T.: 0.000 min
Response: 2814368
Conc: 21.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



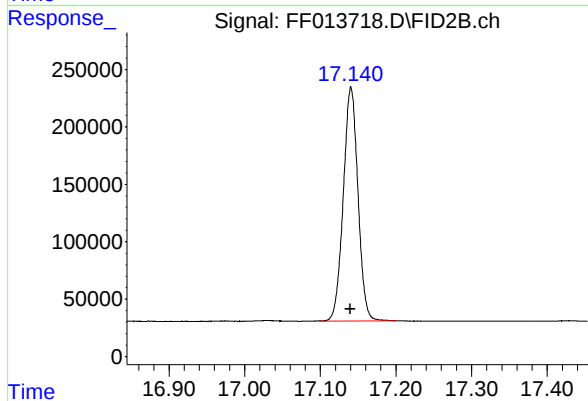
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: 0.000 min
Response: 2833335
Conc: 21.03 ug/ml



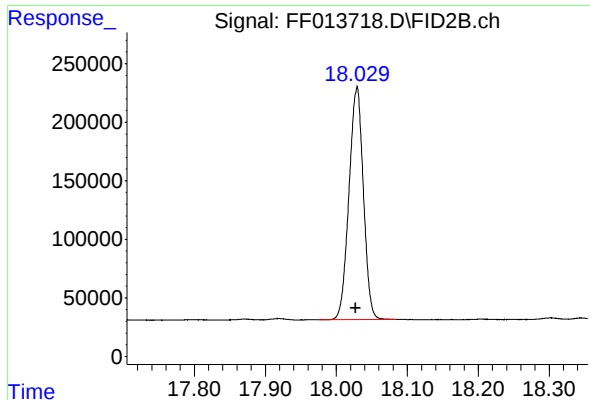
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: 0.000 min
Response: 2783210
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

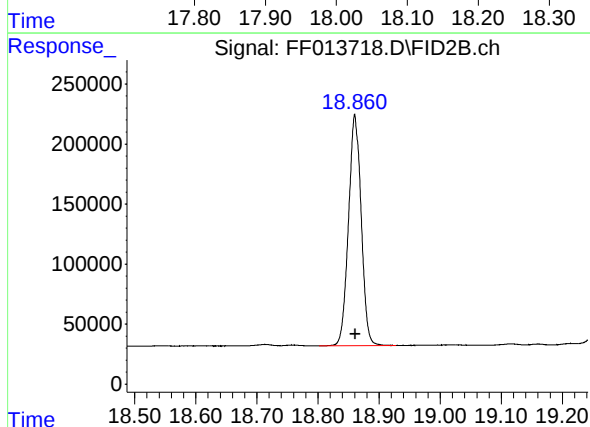
R.T.: 17.141 min
Delta R.T.: 0.000 min
Response: 2743911
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

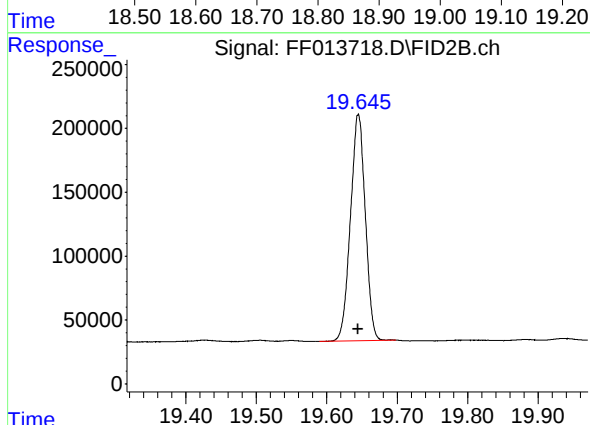
R.T.: 18.029 min
Delta R.T.: 0.002 min
Response: 2790830
Conc: 20.99 ug/ml

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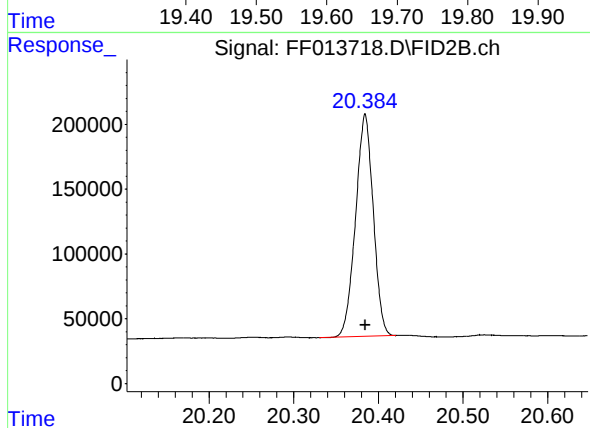
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.000 min
Response: 2776490
Conc: 21.35 ug/ml



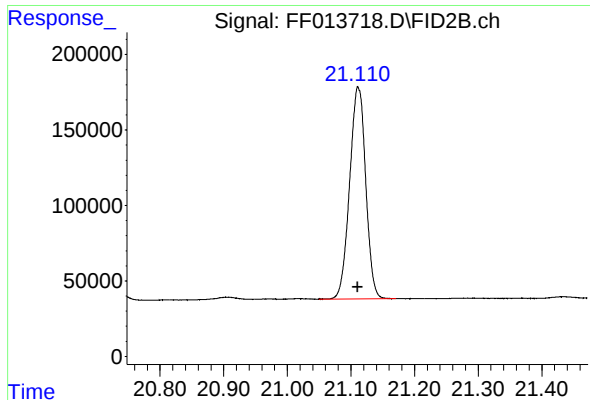
#19 n-Tetatriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 2594510
Conc: 21.52 ug/ml



#20 n-Hexatriacontane (C36)

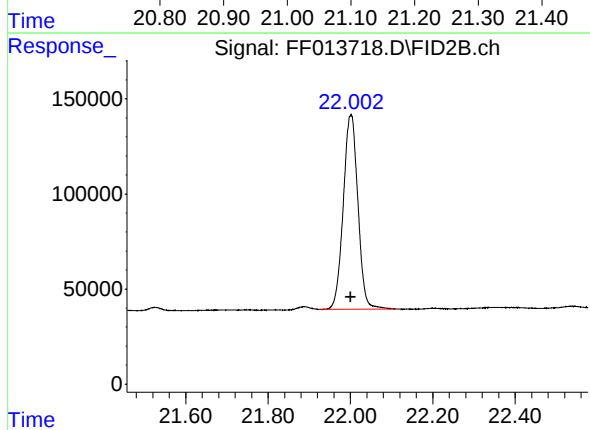
R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 2487555
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 2466921
Conc: 21.34 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.001 min
Response: 2520811
Conc: 21.33 ug/ml