

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102622AL\
 Data File : FD044276.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2022 08:50
 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 27 09:18:26 2022
 Quant Title :
 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)	11.296	3422165	21.741 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
12) S 1-chlorooctadecane (S...	12.711	2693388	21.416 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
Target Compounds			
1) T n-Nonane (C9)	3.135	2912267	21.568 ug/ml
2) T n-Decane (C10)	4.183	2956030	22.002 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2976801	22.279 ug/mlm
4) T n-Dodecane (C12)	6.178	3041215	21.886 ug/ml
5) T A~2-methylnaphthalene...	6.799	2966287	22.813 ug/mlm
6) T n-Tetradecane (C14)	7.956	3073749	22.078 ug/ml
7) T n-Hexadecane (C16)	9.544	3152509	22.350 ug/ml
8) T n-Octadecane (C18)	10.974	3213291	22.098 ug/ml
10) T n-Eicosane (C20)	12.271	3240225	21.851 ug/ml
11) T n-Heneicosane (C21)	12.877	3238500	21.586 ug/ml
13) T n-Docosane (C22)	13.458	3291065	21.890 ug/ml
14) T n-Tetracosane (C24)	14.550	3306771	21.909 ug/ml
15) T n-Hexacosane (C26)	15.561	3220103	21.267 ug/ml
16) T n-Octacosane (C28)	16.501	3152475	20.925 ug/ml
17) T n-Tricontane (C30)	17.377	3206519	20.920 ug/ml
18) T n-Dotriacontane (C32)	18.202	3148839	20.533 ug/ml
19) T n-Tetratriacontane (C34)	18.976	2884986	19.597 ug/ml
20) T n-Hexatriacontane (C36)	19.706	2758554	18.815 ug/ml
21) T n-Octatriacontane (C38)	20.396	2640568	18.928 ug/ml
22) T n-Tetracontane (C40)	21.155	2540238	19.532 ug/ml

(f)=RT Delta > 1/2 Window

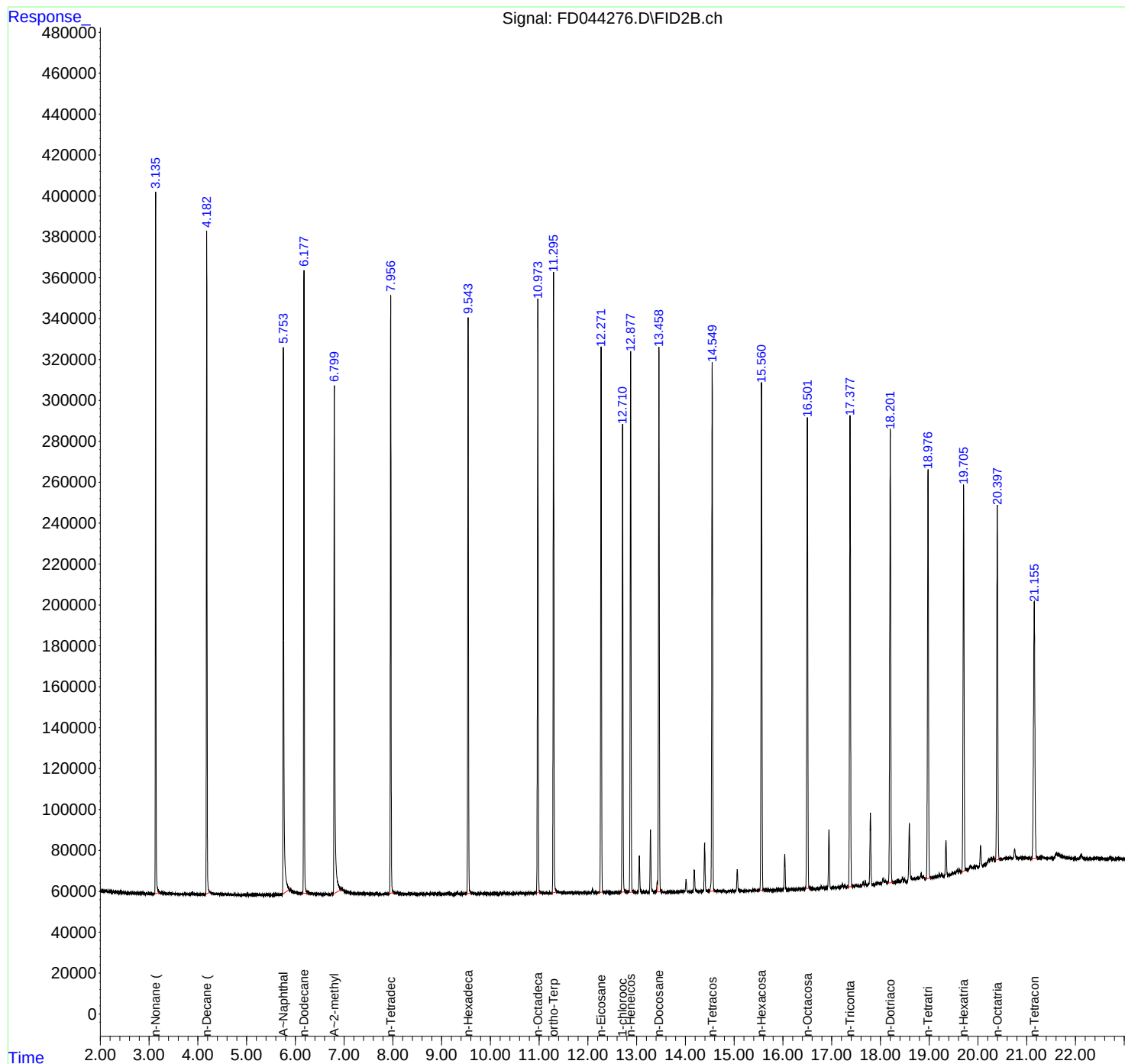
(m)=manual int.

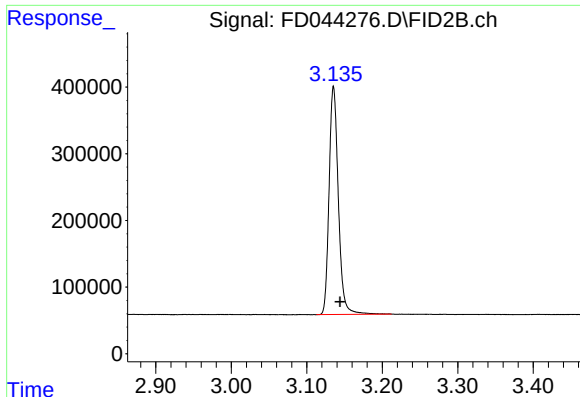
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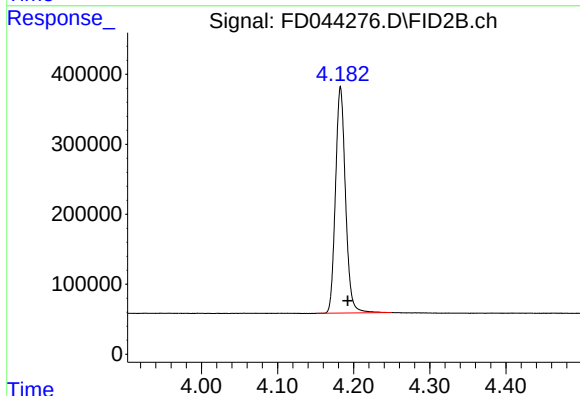




#1 n-Nonane (C9)

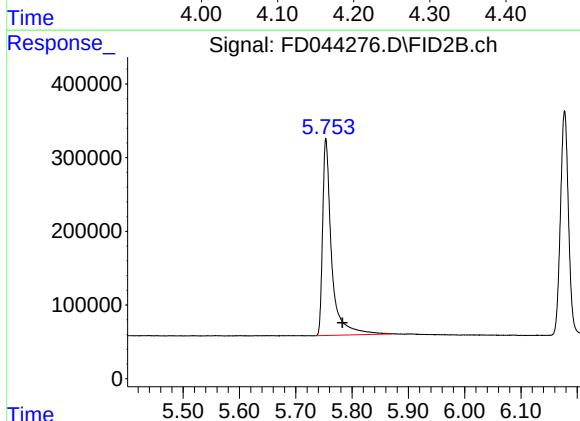
R.T.: 3.135 min
Delta R.T.: -0.009 min
Response: 2912267
Conc: 21.57 ug/ml

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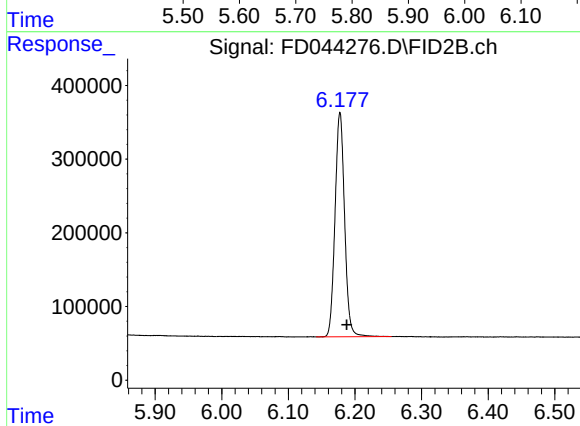
#2 n-Decane (C10)

R.T.: 4.183 min
Delta R.T.: -0.009 min
Response: 2956030
Conc: 22.00 ug/ml



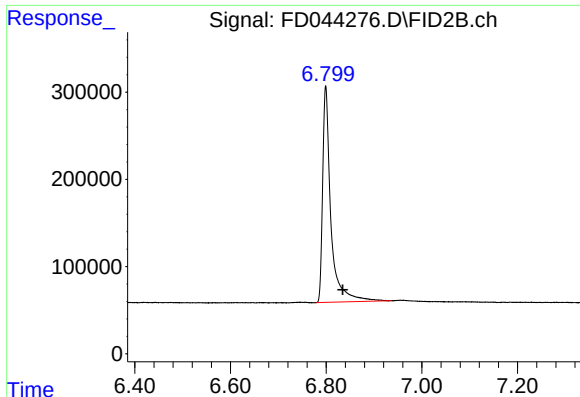
#3 A~Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.030 min
Response: 2976801
Conc: 22.28 ug/ml m



#4 n-Dodecane (C12)

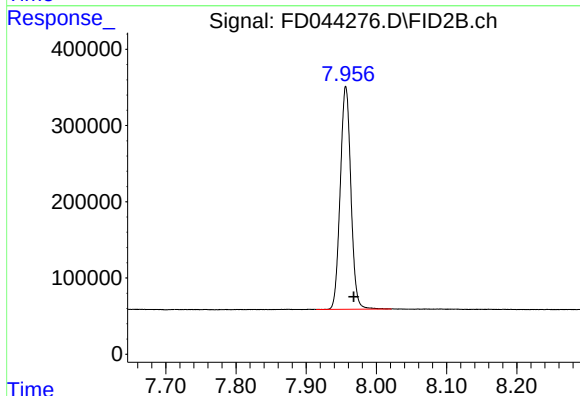
R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 3041215
Conc: 21.89 ug/ml



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

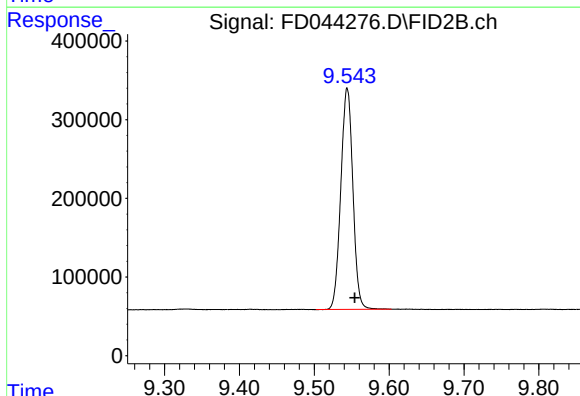
R.T.: 6.799 min
Delta R.T.: -0.036 min
Response: 2966287
Conc: 22.81 ug/ml

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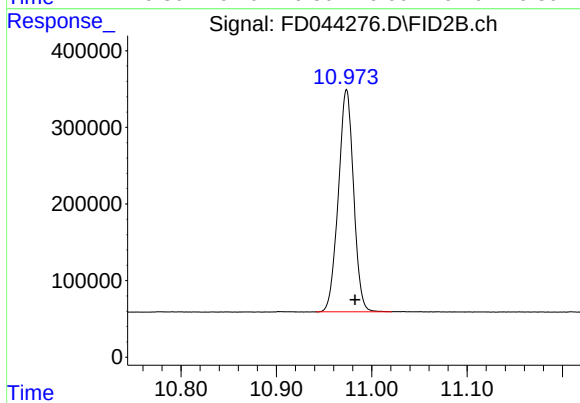
#6 n-Tetradecane (C14)

R.T.: 7.956 min
Delta R.T.: -0.011 min
Response: 3073749
Conc: 22.08 ug/ml



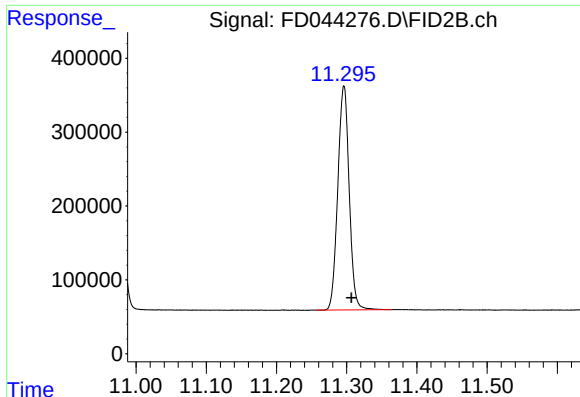
#7 n-Hexadecane (C16)

R.T.: 9.544 min
Delta R.T.: -0.010 min
Response: 3152509
Conc: 22.35 ug/ml



#8 n-Octadecane (C18)

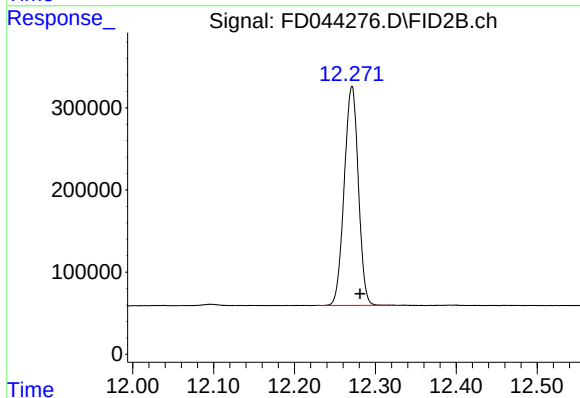
R.T.: 10.974 min
Delta R.T.: -0.009 min
Response: 3213291
Conc: 22.10 ug/ml



#9 ortho-Terphenyl (SURR)

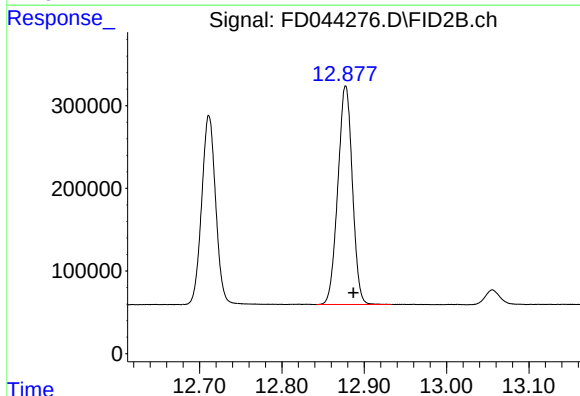
R.T.: 11.296 min
Delta R.T.: -0.011 min
Response: 3422165
Conc: 21.74 ug/ml

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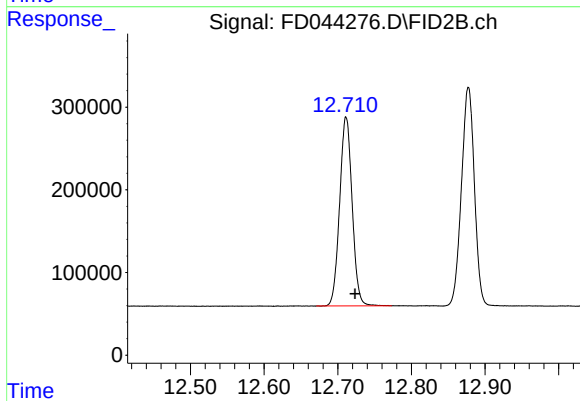
#10 n-Eicosane (C20)

R.T.: 12.271 min
Delta R.T.: -0.010 min
Response: 3240225
Conc: 21.85 ug/ml



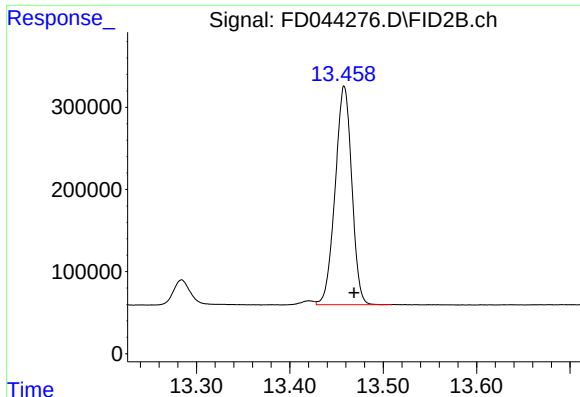
#11 n-Heneicosane (C21)

R.T.: 12.877 min
Delta R.T.: -0.010 min
Response: 3238500
Conc: 21.59 ug/ml



#12 1-chlorooctadecane (SURR)

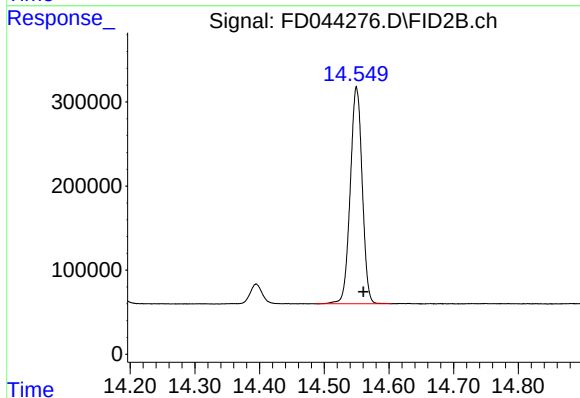
R.T.: 12.711 min
Delta R.T.: -0.012 min
Response: 2693388
Conc: 21.42 ug/ml



#13 n-Docosane (C22)

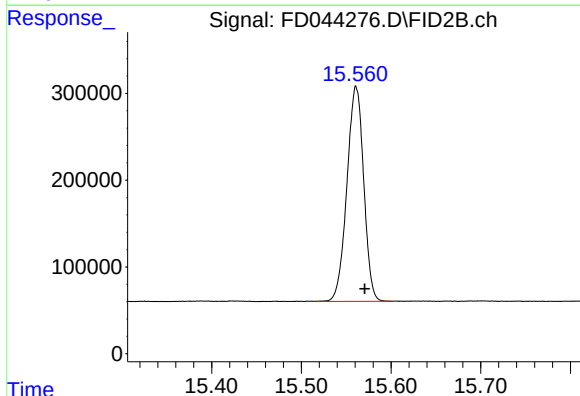
R.T.: 13.458 min
Delta R.T.: -0.010 min
Response: 3291065
Conc: 21.89 ug/ml

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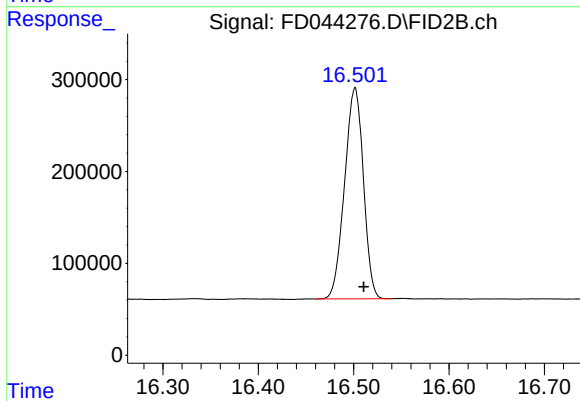
#14 n-Tetracosane (C24)

R.T.: 14.550 min
Delta R.T.: -0.011 min
Response: 3306771
Conc: 21.91 ug/ml



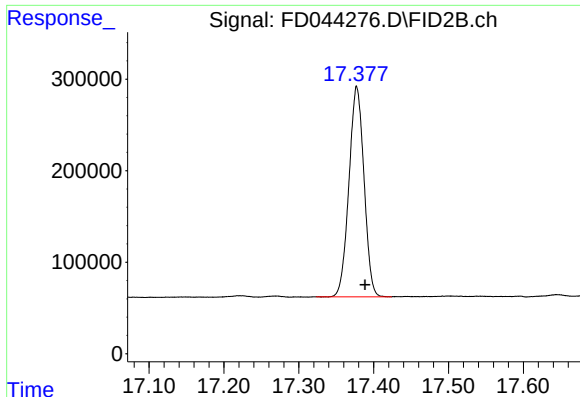
#15 n-Hexacosane (C26)

R.T.: 15.561 min
Delta R.T.: -0.010 min
Response: 3220103
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

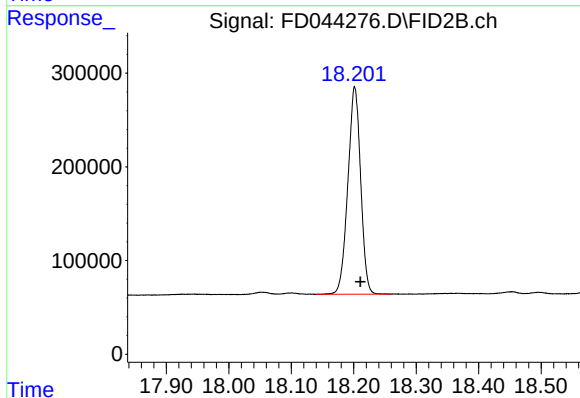
R.T.: 16.501 min
Delta R.T.: -0.009 min
Response: 3152475
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

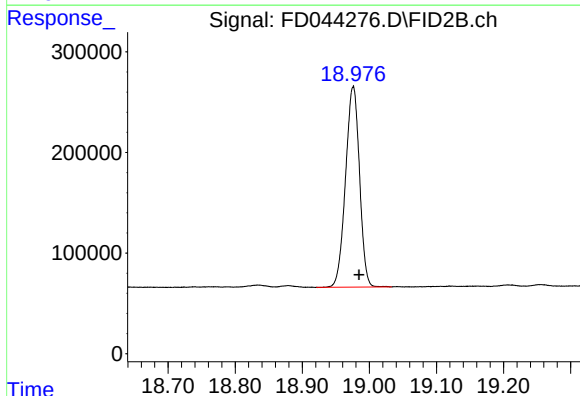
R.T.: 17.377 min
Delta R.T.: -0.011 min
Response: 3206519
Conc: 20.92 ug/ml

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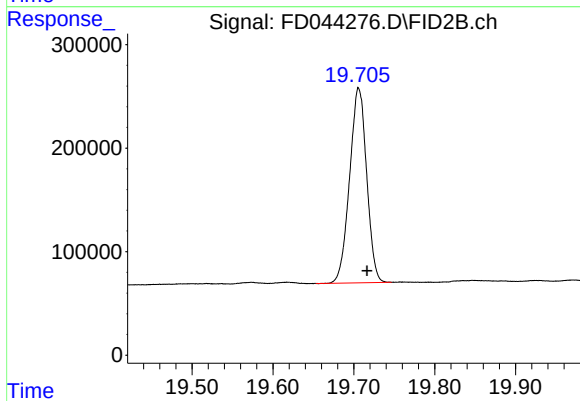
#18 n-Dotriacontane (C32)

R.T.: 18.202 min
Delta R.T.: -0.009 min
Response: 3148839
Conc: 20.53 ug/ml



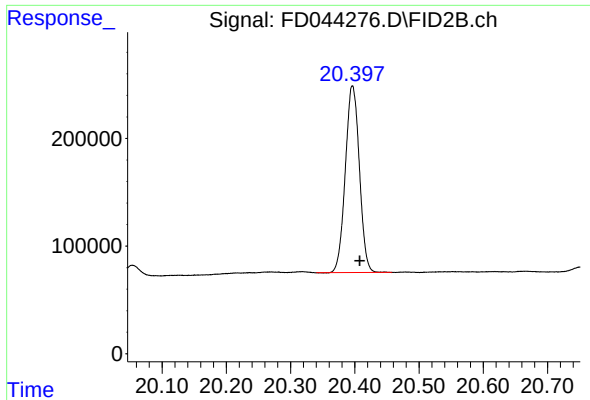
#19 n-Tetratriacontane (C34)

R.T.: 18.976 min
Delta R.T.: -0.009 min
Response: 2884986
Conc: 19.60 ug/ml



#20 n-Hexatriacontane (C36)

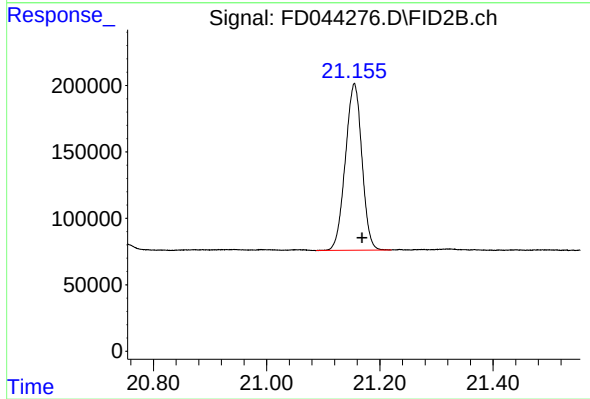
R.T.: 19.706 min
Delta R.T.: -0.010 min
Response: 2758554
Conc: 18.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.396 min
Delta R.T.: -0.011 min
Response: 2640568
Conc: 18.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.155 min
Delta R.T.: -0.014 min
Response: 2540238
Conc: 19.53 ug/ml