

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
 Data File : FE036183.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2022 14:10
 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: Jun 24 23:40:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.867	3825129	19.145 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
12) S 1-chlorooctadecane (S...	13.305	2966957	19.164 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T n-Nonane (C9)	3.261	3416256	18.994 ug/ml
2) T n-Decane (C10)	4.514	3420003	19.025 ug/ml
3) T A~Naphthalene (C11.7)	6.213	3822890	19.054 ug/ml
4) T n-Dodecane (C12)	6.682	3532606	19.072 ug/ml
5) T A~2-methylnaphthalene...	7.308	3880431	19.062 ug/ml
6) T n-Tetradecane (C14)	8.507	3566965	19.079 ug/ml
7) T n-Hexadecane (C16)	10.113	3580307	19.118 ug/ml
8) T n-Octadecane (C18)	11.554	3569148	19.185 ug/ml
10) T n-Eicosane (C20)	12.862	3473790	19.175 ug/ml
11) T n-Heneicosane (C21)	13.474	3444142	19.174 ug/ml
13) T n-Docosane (C22)	14.060	3383567	19.138 ug/ml
14) T n-Tetracosane (C24)	15.161	3271080	19.098 ug/ml
15) T n-Hexacosane (C26)	16.181	3141849	19.016 ug/ml
16) T n-Octacosane (C28)	17.130	3033349	18.950 ug/ml
17) T n-Tricontane (C30)	18.018	2927716	18.910 ug/ml
18) T n-Dotriacontane (C32)	18.851	2766711	18.932 ug/ml
19) T n-Tetratriacontane (C34)	19.634	2614352	18.892 ug/ml
20) T n-Hexatriacontane (C36)	20.371	2485205	18.512 ug/ml
21) T n-Octatriacontane (C38)	21.099	2495078	18.761 ug/ml
22) T n-Tetracontane (C40)	21.990	2627255	18.789 ug/ml

(f)=RT Delta > 1/2 Window

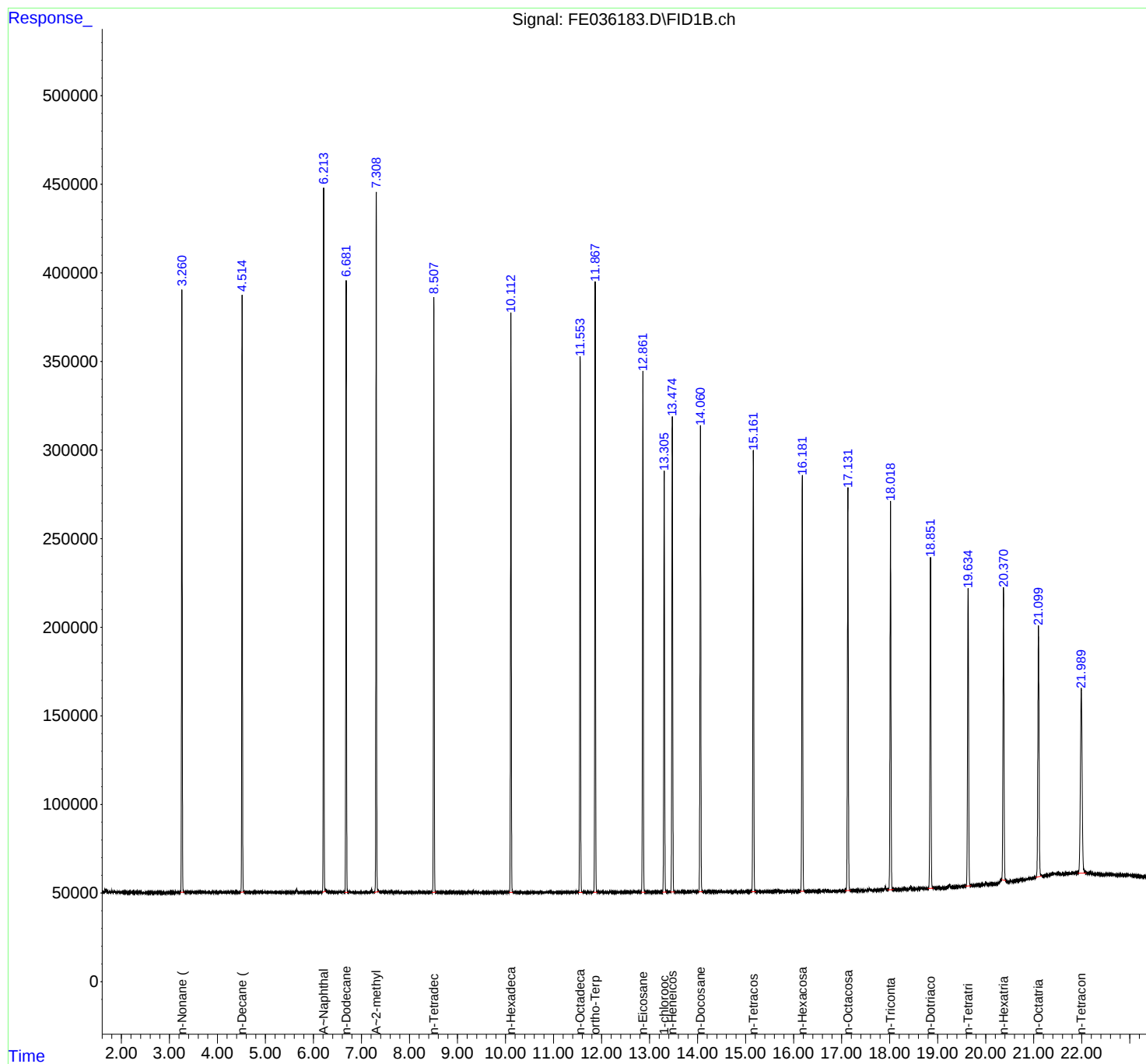
(m)=manual int.

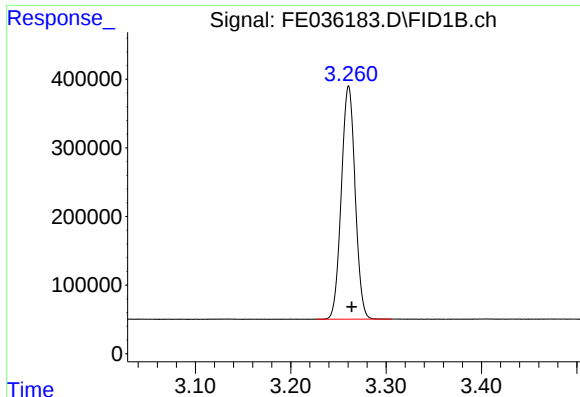
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
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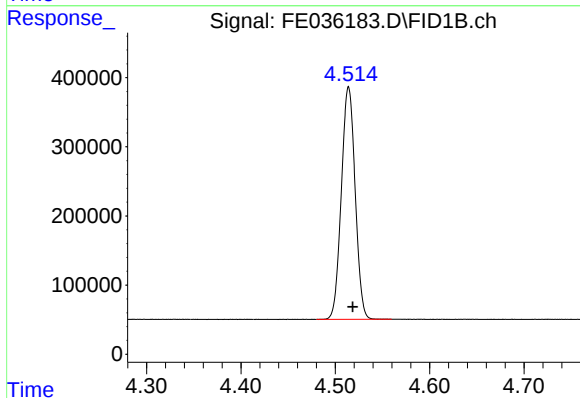




#1 n-Nonane (C9)

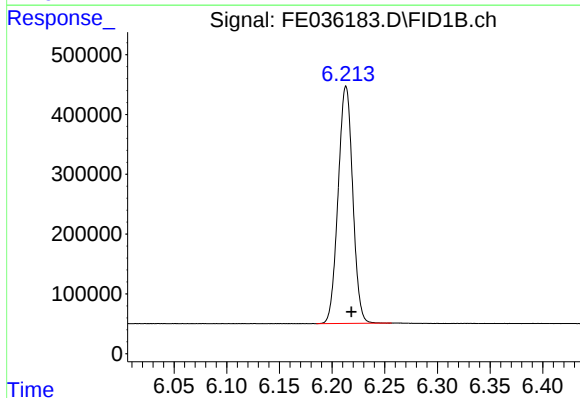
R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 3416256
Conc: 18.99 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



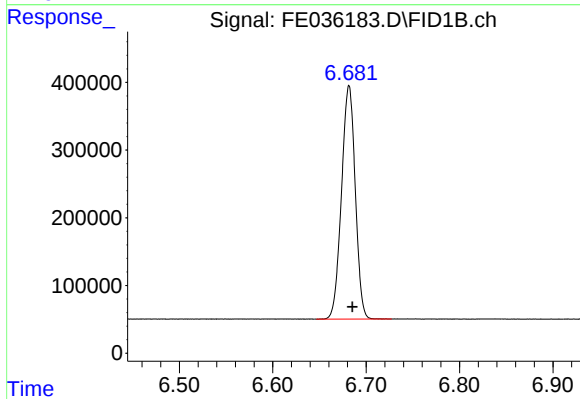
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.004 min
Response: 3420003
Conc: 19.03 ug/ml



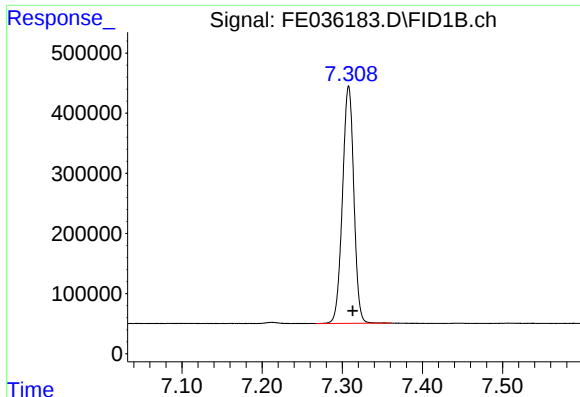
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.005 min
Response: 3822890
Conc: 19.05 ug/ml



#4 n-Dodecane (C12)

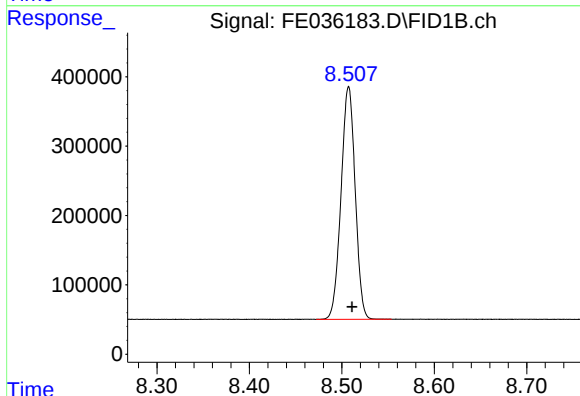
R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 3532606
Conc: 19.07 ug/ml



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

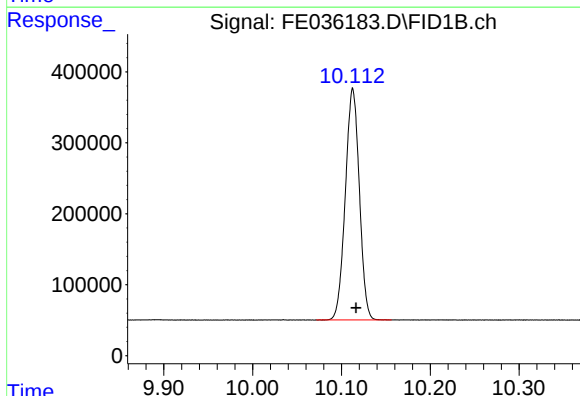
R.T.: 7.308 min
Delta R.T.: -0.005 min
Response: 3880431
Conc: 19.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



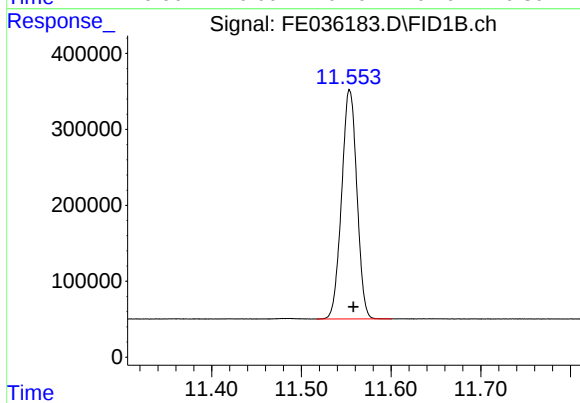
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 3566965
Conc: 19.08 ug/ml



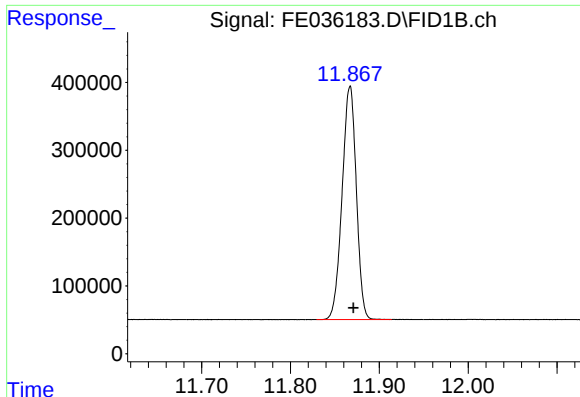
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.004 min
Response: 3580307
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

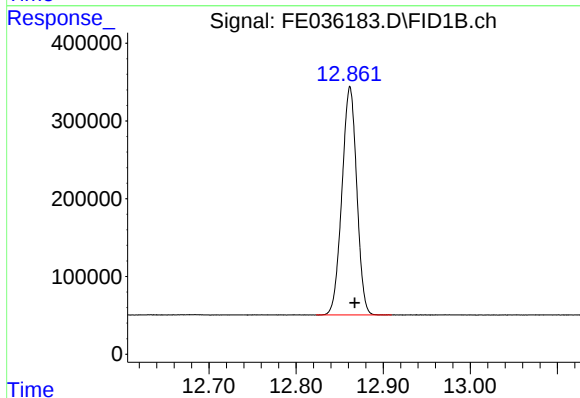
R.T.: 11.554 min
Delta R.T.: -0.004 min
Response: 3569148
Conc: 19.18 ug/ml



#9 ortho-Terphenyl (SURR)

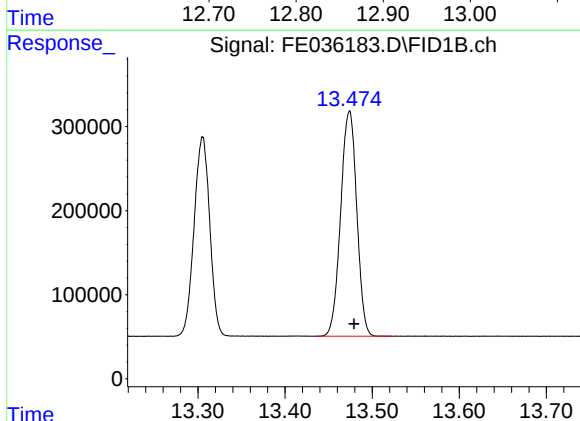
R.T.: 11.867 min
Delta R.T.: -0.004 min
Response: 3825129
Conc: 19.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



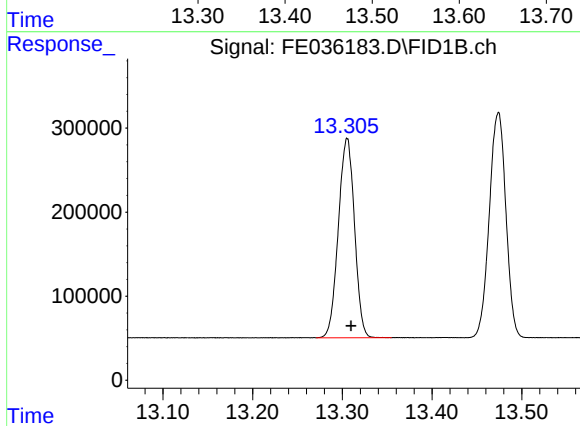
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.005 min
Response: 3473790
Conc: 19.18 ug/ml



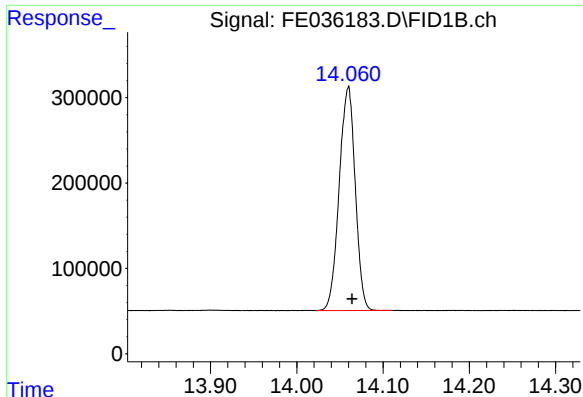
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: -0.005 min
Response: 3444142
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

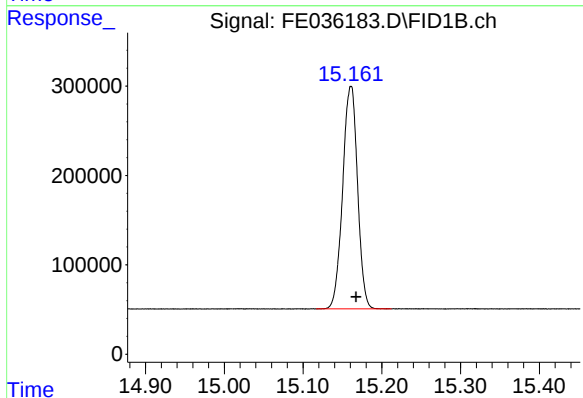
R.T.: 13.305 min
Delta R.T.: -0.004 min
Response: 2966957
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

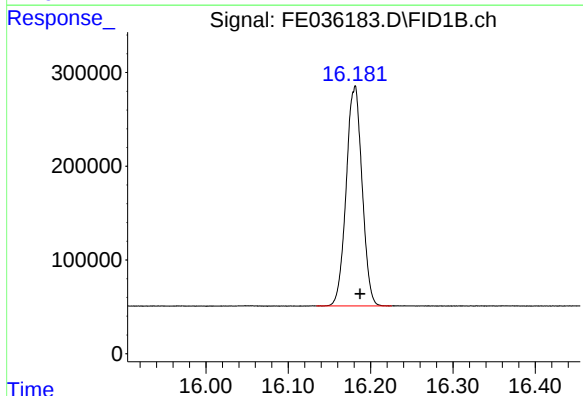
R.T.: 14.060 min
Delta R.T.: -0.004 min
Response: 3383567
Conc: 19.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



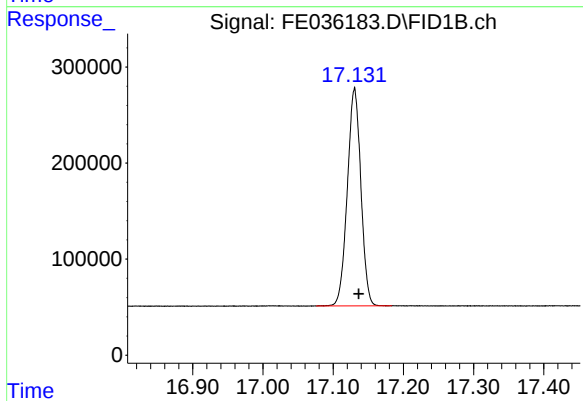
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.006 min
Response: 3271080
Conc: 19.10 ug/ml



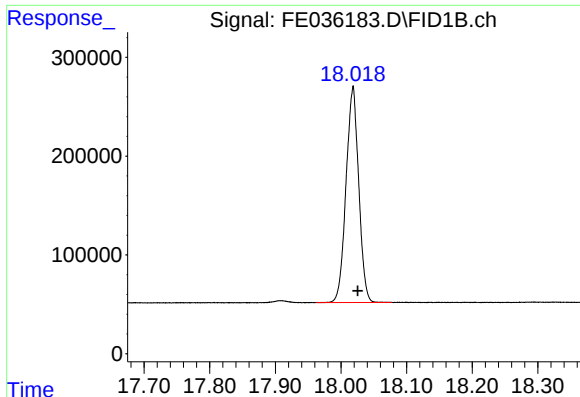
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: -0.006 min
Response: 3141849
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

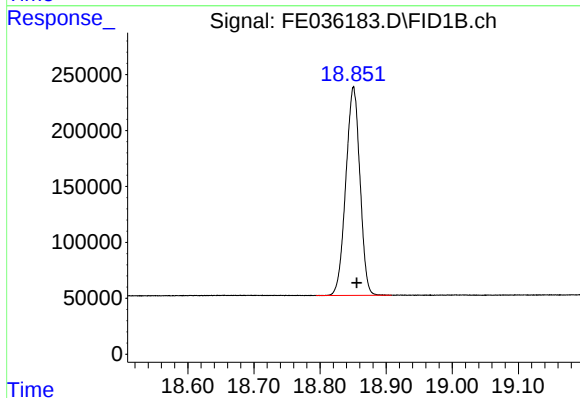
R.T.: 17.130 min
Delta R.T.: -0.006 min
Response: 3033349
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

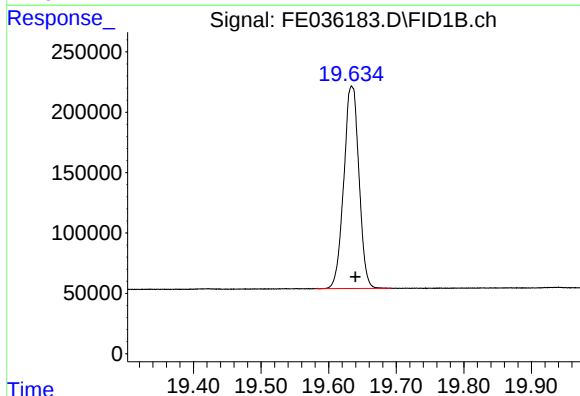
R.T.: 18.018 min
Delta R.T.: -0.007 min
Response: 2927716
Conc: 18.91 ug/ml

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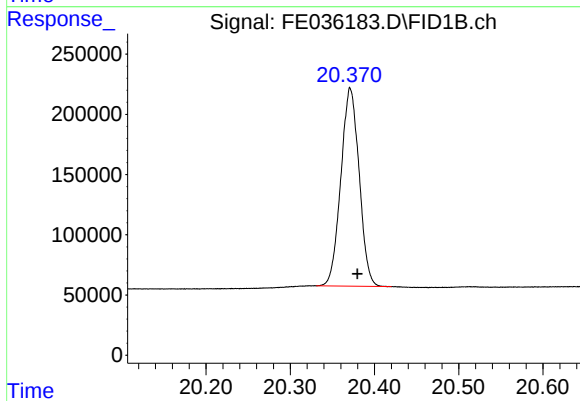
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.005 min
Response: 2766711
Conc: 18.93 ug/ml



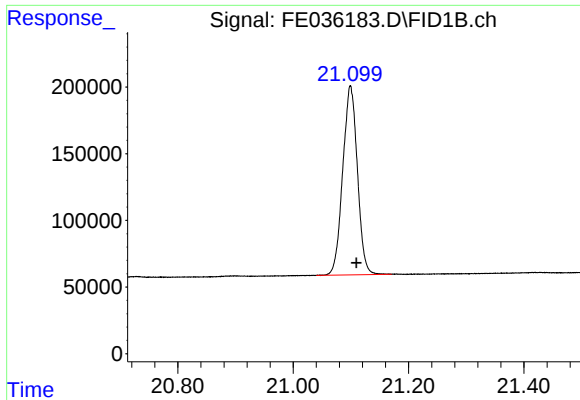
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.005 min
Response: 2614352
Conc: 18.89 ug/ml



#20 n-Hexatriacontane (C36)

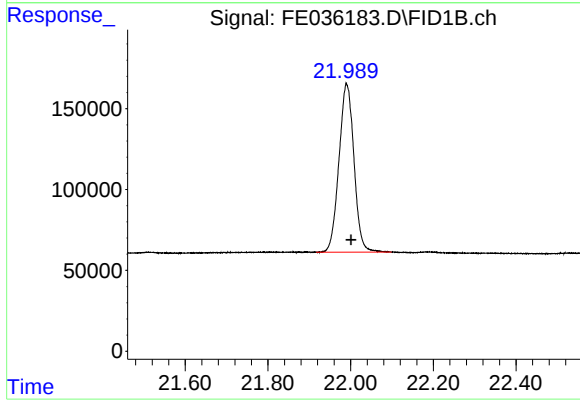
R.T.: 20.371 min
Delta R.T.: -0.009 min
Response: 2485205
Conc: 18.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.010 min
Response: 2495078
Conc: 18.76 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.011 min
Response: 2627255
Conc: 18.79 ug/ml