

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081722AL\
 Data File : FE037137.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2022 00:12
 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 18 00:48:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.814	3395840	18.462 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
12) S 1-chlorooctadecane (S...	13.253	2665559	18.264 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
Target Compounds			
1) T n-Nonane (C9)	3.208	3005932	19.557 ug/ml
2) T n-Decane (C10)	4.462	3011002	19.701 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3218486	19.561 ug/ml
4) T n-Dodecane (C12)	6.630	3077286	19.703 ug/ml
5) T A~2-methylnaphthalene...	7.258	3177702	19.579 ug/ml
6) T n-Tetradecane (C14)	8.456	3071929	19.439 ug/ml
7) T n-Hexadecane (C16)	10.061	3071516	19.313 ug/ml
8) T n-Octadecane (C18)	11.502	3111707	18.953 ug/ml
10) T n-Eicosane (C20)	12.809	3038628	18.509 ug/ml
11) T n-Heneicosane (C21)	13.421	3017629	18.361 ug/ml
13) T n-Docosane (C22)	14.006	2952056	18.143 ug/ml
14) T n-Tetracosane (C24)	15.108	2866332	17.735 ug/ml
15) T n-Hexacosane (C26)	16.129	2758366	17.389 ug/ml
16) T n-Octacosane (C28)	17.078	2694048	17.333 ug/ml
17) T n-Tricontane (C30)	17.966	2605649	17.867 ug/ml
18) T n-Dotriacontane (C32)	18.798	2173570	18.704 ug/ml
19) T n-Tetratriacontane (C34)	19.581	1596680	19.376 ug/ml
20) T n-Hexatriacontane (C36)	20.321	1218865	20.176 ug/ml
21) T n-Octatriacontane (C38)	21.040	1037114	20.335 ug/ml
22) T n-Tetracontane (C40)	21.912	1011031	21.005 ug/ml

(f)=RT Delta > 1/2 Window

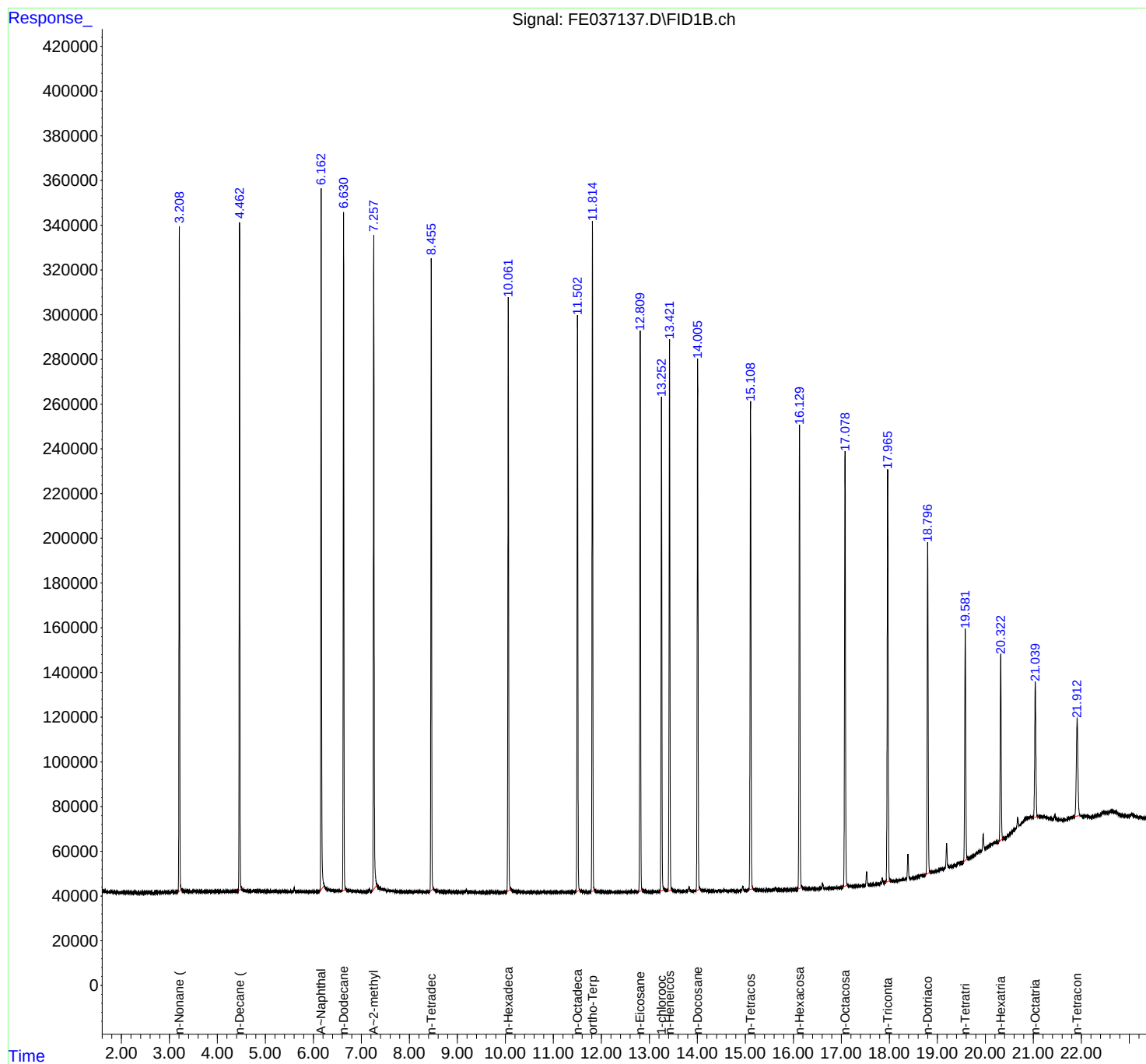
(m)=manual int.

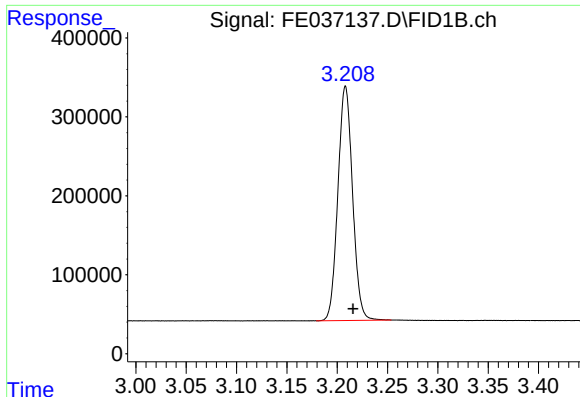
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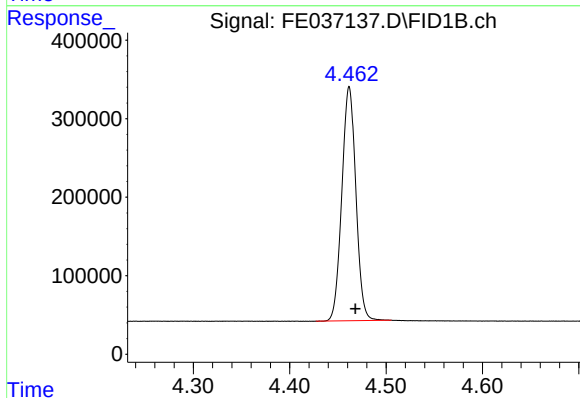




#1 n-Nonane (C9)

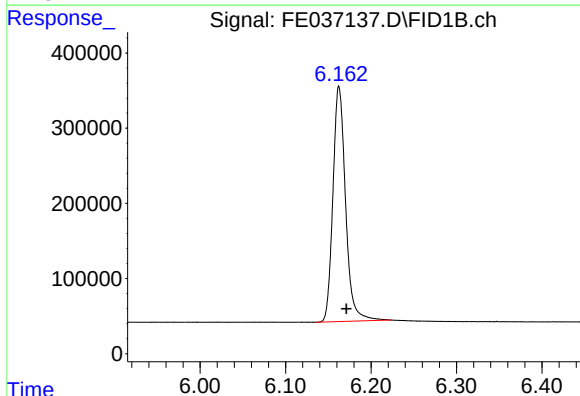
R.T.: 3.208 min
Delta R.T.: -0.008 min
Response: 3005932
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



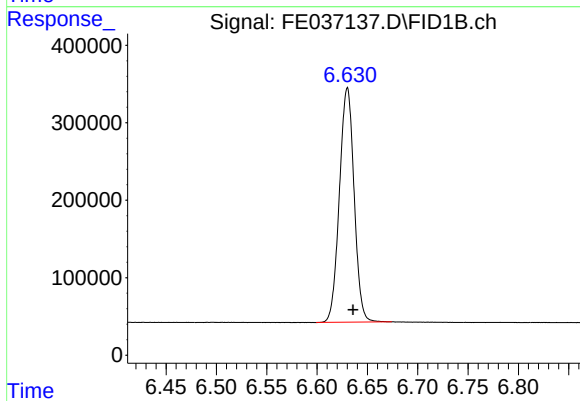
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: -0.006 min
Response: 3011002
Conc: 19.70 ug/ml



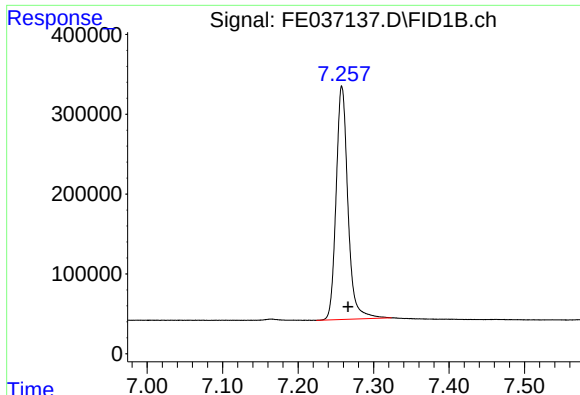
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.009 min
Response: 3218486
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

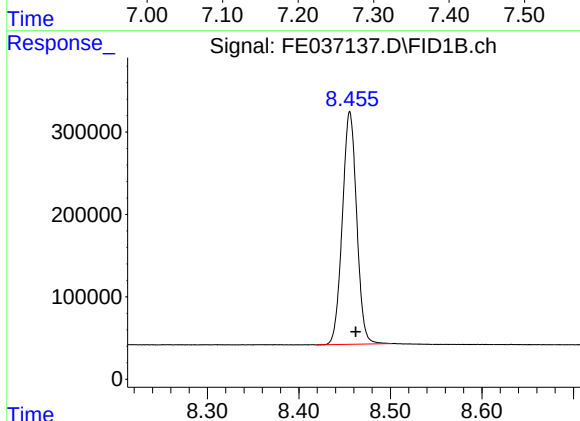
R.T.: 6.630 min
Delta R.T.: -0.005 min
Response: 3077286
Conc: 19.70 ug/ml



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

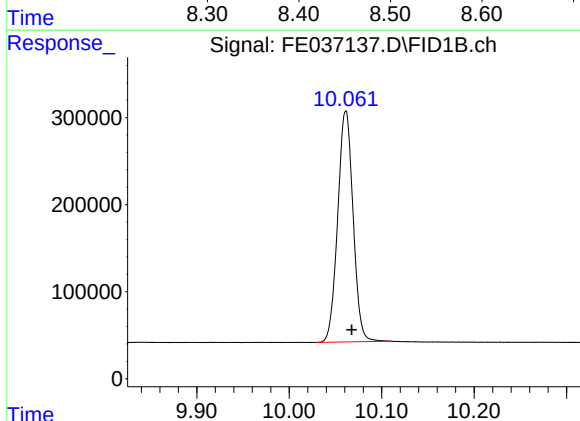
R.T.: 7.258 min
Delta R.T.: -0.008 min
Response: 3177702
Conc: 19.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



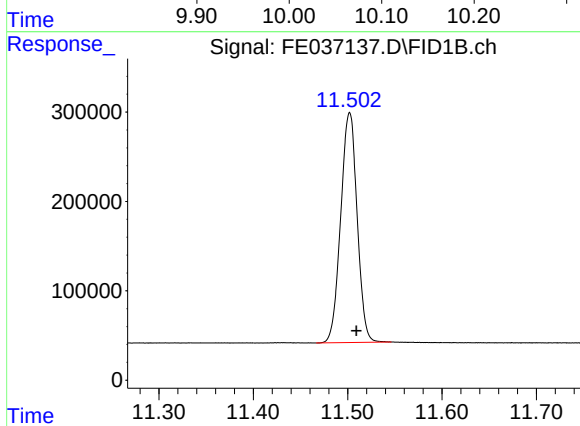
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.007 min
Response: 3071929
Conc: 19.44 ug/ml



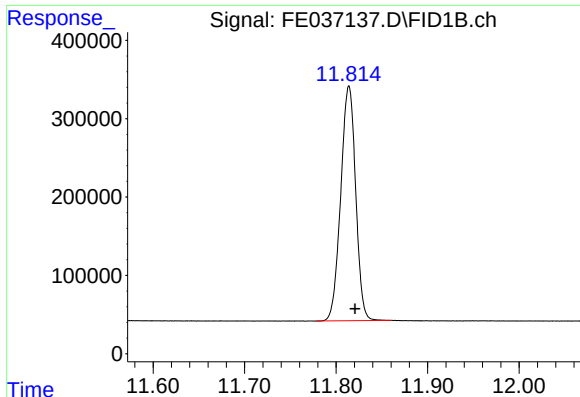
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.006 min
Response: 3071516
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

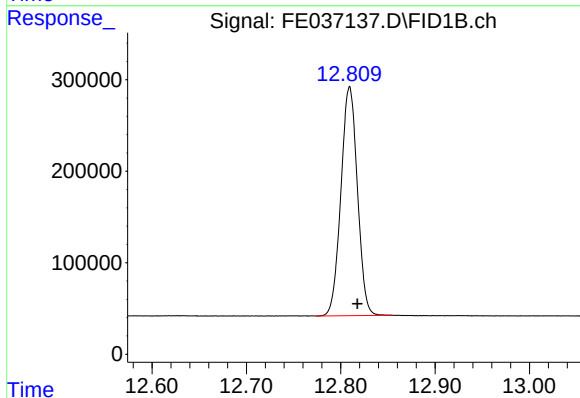
R.T.: 11.502 min
Delta R.T.: -0.007 min
Response: 3111707
Conc: 18.95 ug/ml



#9 ortho-Terphenyl (SURR)

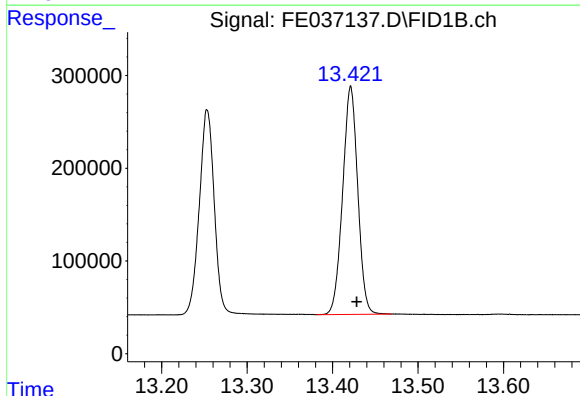
R.T.: 11.814 min
Delta R.T.: -0.007 min
Response: 3395840
Conc: 18.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



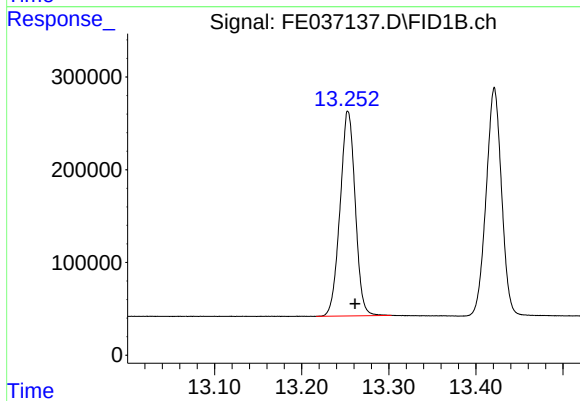
#10 n-Eicosane (C20)

R.T.: 12.809 min
Delta R.T.: -0.008 min
Response: 3038628
Conc: 18.51 ug/ml



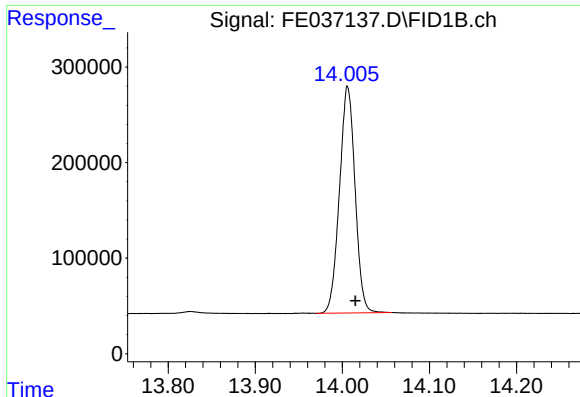
#11 n-Heneicosane (C21)

R.T.: 13.421 min
Delta R.T.: -0.007 min
Response: 3017629
Conc: 18.36 ug/ml



#12 1-chlorooctadecane (SURR)

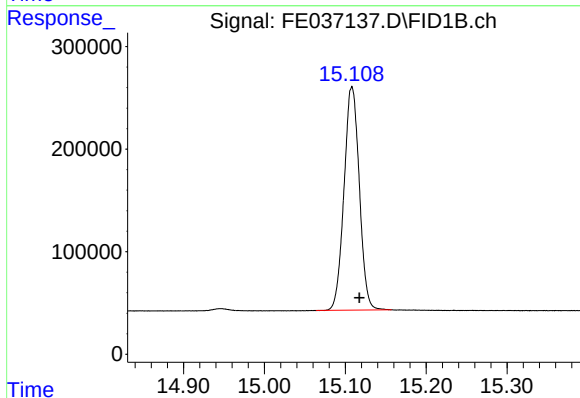
R.T.: 13.253 min
Delta R.T.: -0.008 min
Response: 2665559
Conc: 18.26 ug/ml



#13 n-Docosane (C22)

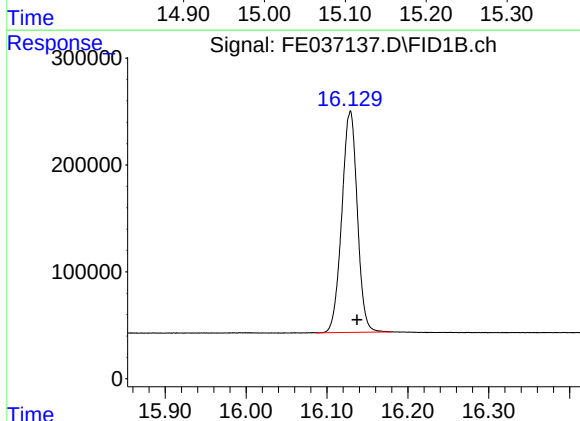
R.T.: 14.006 min
Delta R.T.: -0.009 min
Response: 2952056
Conc: 18.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



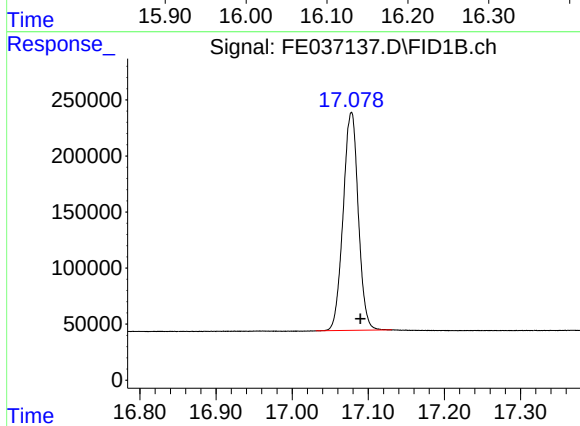
#14 n-Tetracosane (C24)

R.T.: 15.108 min
Delta R.T.: -0.009 min
Response: 2866332
Conc: 17.73 ug/ml



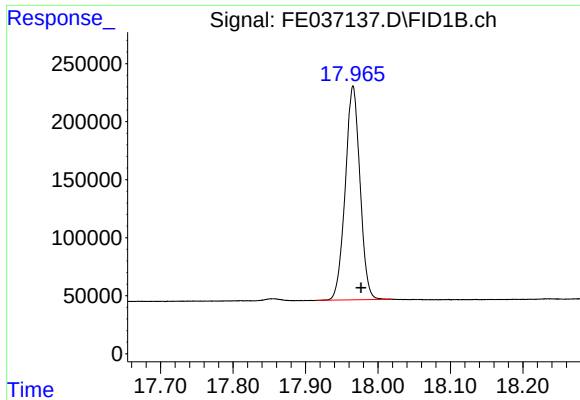
#15 n-Hexacosane (C26)

R.T.: 16.129 min
Delta R.T.: -0.008 min
Response: 2758366
Conc: 17.39 ug/ml



#16 n-Octacosane (C28)

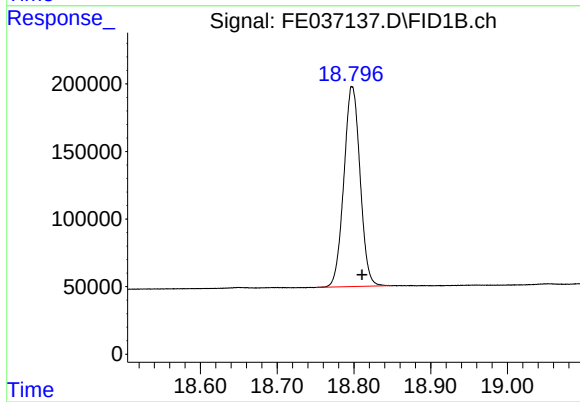
R.T.: 17.078 min
Delta R.T.: -0.012 min
Response: 2694048
Conc: 17.33 ug/ml



#17 n-Tricontane (C30)

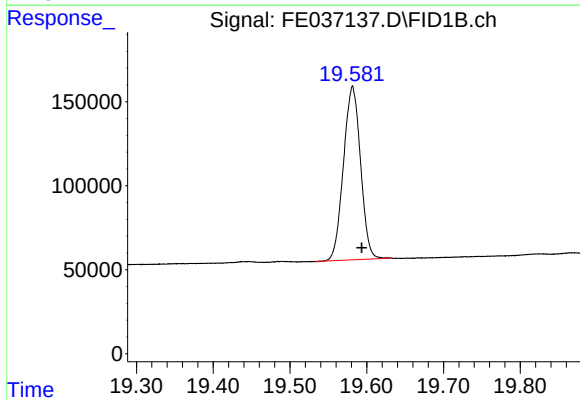
R.T.: 17.966 min
Delta R.T.: -0.011 min
Response: 2605649
Conc: 17.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



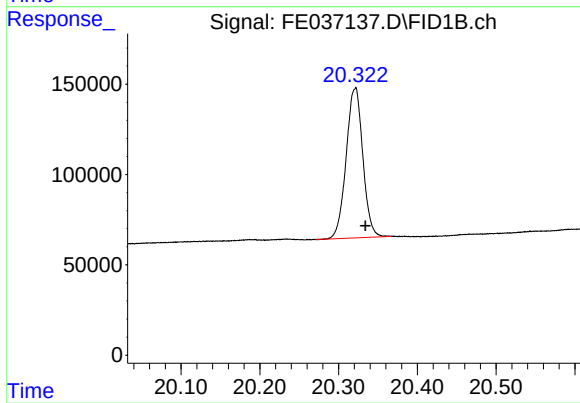
#18 n-Dotriacontane (C32)

R.T.: 18.798 min
Delta R.T.: -0.013 min
Response: 2173570
Conc: 18.70 ug/ml



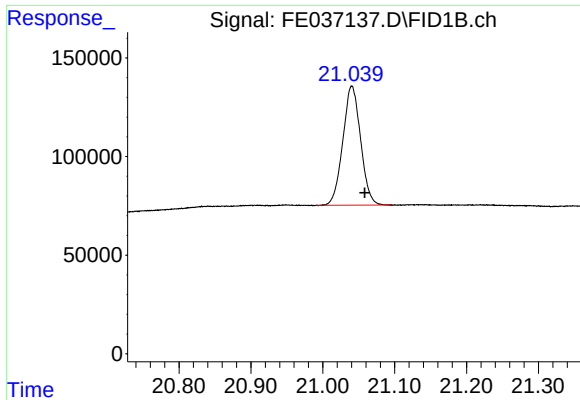
#19 n-Tetratriacontane (C34)

R.T.: 19.581 min
Delta R.T.: -0.012 min
Response: 1596680
Conc: 19.38 ug/ml



#20 n-Hexatriacontane (C36)

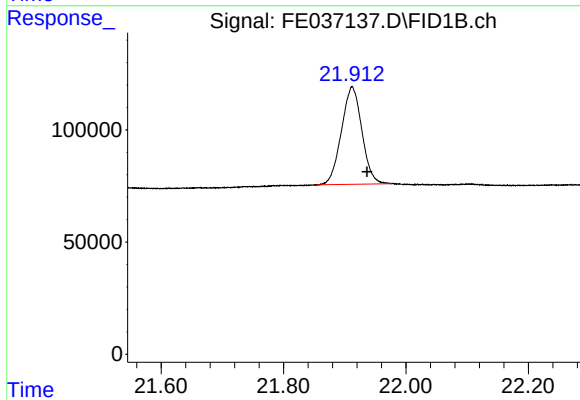
R.T.: 20.321 min
Delta R.T.: -0.013 min
Response: 1218865
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.040 min
Delta R.T.: -0.018 min
Response: 1037114
Conc: 20.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: -0.025 min
Response: 1011031
Conc: 21.01 ug/ml