

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092122AL\
 Data File : FE037724.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2022 13:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 21 14:23:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.623	3147059	18.622 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
12) S 1-chlorooctadecane (S...	13.047	2421218	18.813 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	3.016	3036389	19.845 ug/mlm
2) T n-Decane (C10)	4.275	3058855	19.840 ug/ml
3) T A~Naphthalene (C11.7)	5.992	3010234	20.894 ug/ml
4) T n-Dodecane (C12)	6.448	3120935	19.736 ug/ml
5) T A~2-methylnaphthalene...	7.085	2927646	20.970 ug/ml
6) T n-Tetradecane (C14)	9.867	3098826	19.557 ug/ml
7) T n-Hexadecane (C16)	9.867	3098826	19.557 ug/ml
8) T n-Octadecane (C18)	11.301	3055789	19.189 ug/ml
10) T n-Eicosane (C20)	12.604	2966867	18.751 ug/ml
11) T n-Heneicosane (C21)	13.213	2921720	18.528 ug/ml
13) T n-Docosane (C22)	13.795	2875172	18.470 ug/ml
14) T n-Tetracosane (C24)	14.892	2801082	18.624 ug/ml
15) T n-Hexacosane (C26)	15.907	2734438	18.884 ug/ml
16) T n-Octacosane (C28)	16.853	2708267	19.549 ug/ml
17) T n-Tricontane (C30)	17.736	2754601	20.250 ug/ml
18) T n-Dotriacontane (C32)	18.563	2740742	20.525 ug/ml
19) T n-Tetratriacontane (C34)	19.344	2633547	20.814 ug/ml
20) T n-Hexatriacontane (C36)	20.082	2621982	20.386 ug/ml
21) T n-Octatriacontane (C38)	20.777	2762166	22.193 ug/ml
22) T n-Tetracontane (C40)	21.554	2339012	18.144 ug/mlm

(f)=RT Delta > 1/2 Window

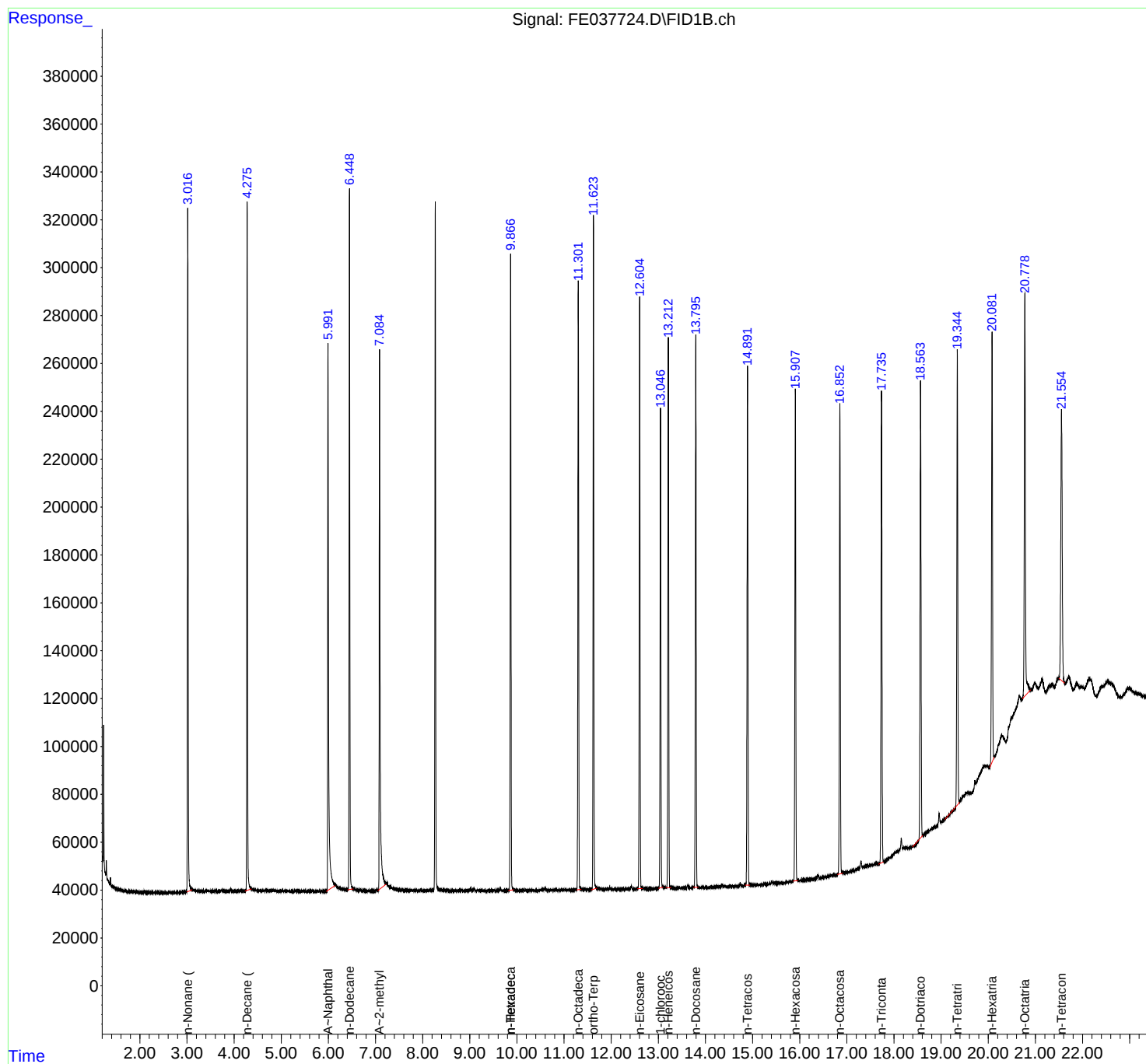
(m)=manual int.

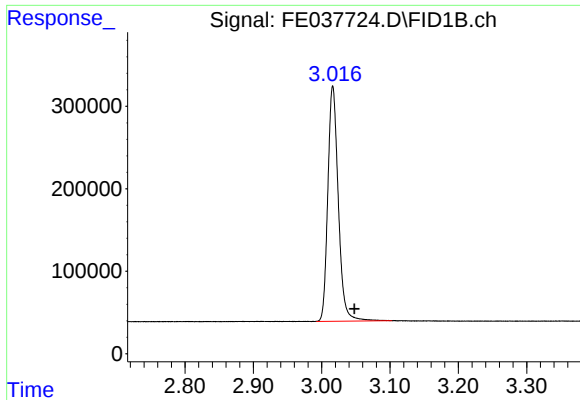
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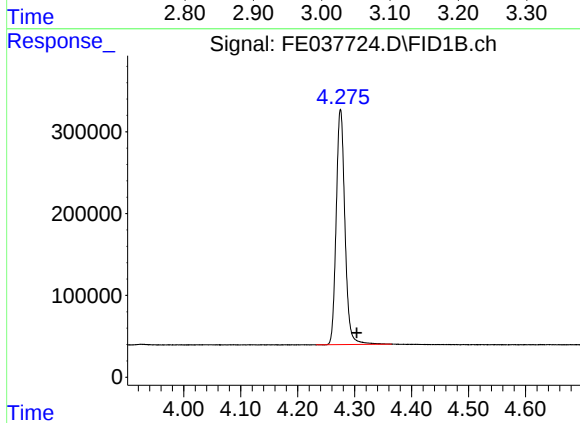




#1 n-Nonane (C9)

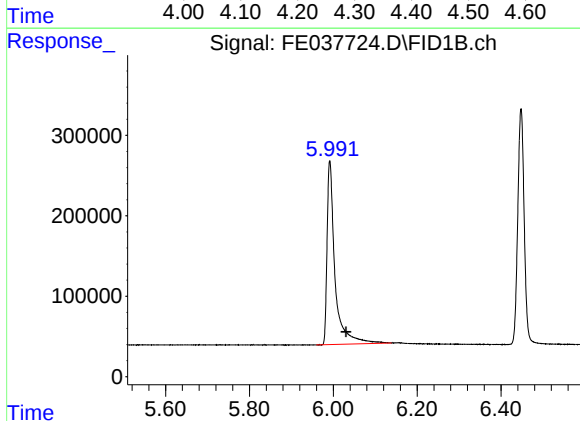
R.T.: 3.016 min
Delta R.T.: -0.032 min
Response: 3036389
Conc: 19.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



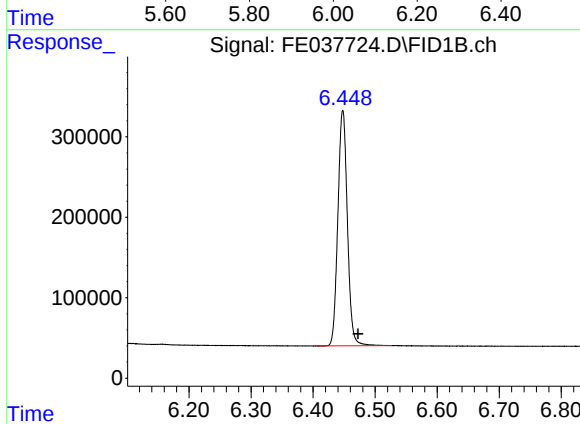
#2 n-Decane (C10)

R.T.: 4.275 min
Delta R.T.: -0.028 min
Response: 3058855
Conc: 19.84 ug/ml



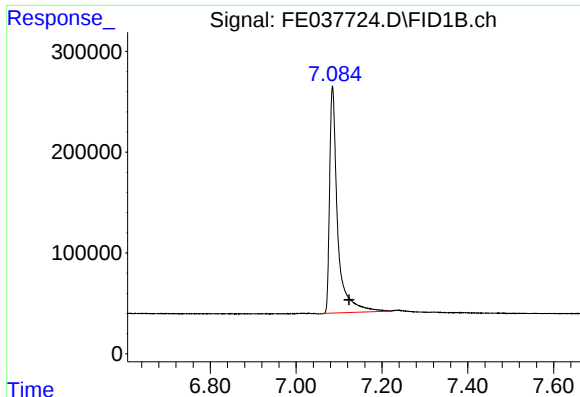
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.039 min
Response: 3010234
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

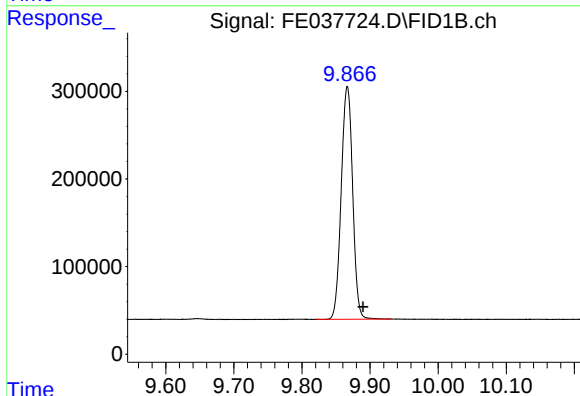
R.T.: 6.448 min
Delta R.T.: -0.024 min
Response: 3120935
Conc: 19.74 ug/ml



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

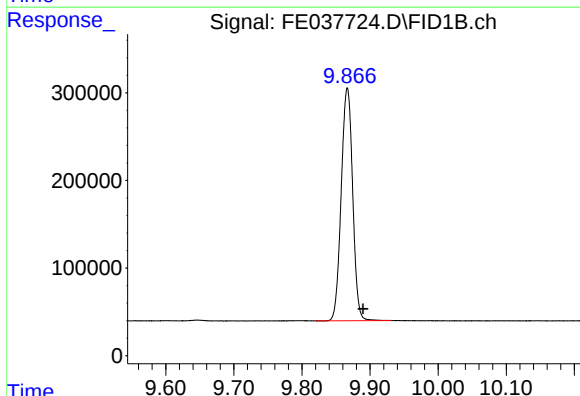
R.T.: 7.085 min
Delta R.T.: -0.038 min
Response: 2927646
Conc: 20.97 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



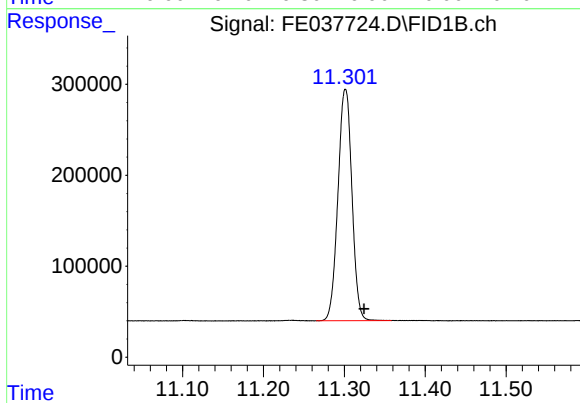
#6 n-Tetradecane (C14)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 3098826
Conc: 19.56 ug/ml



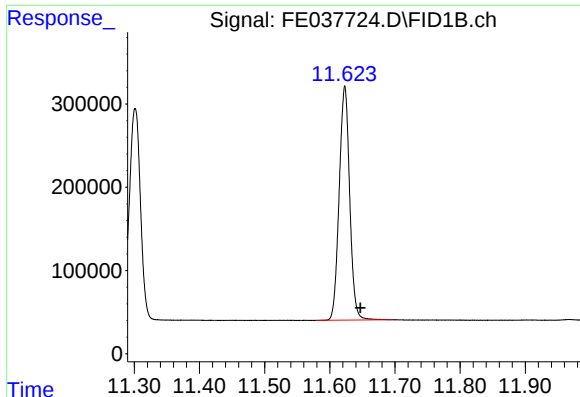
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 3098826
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

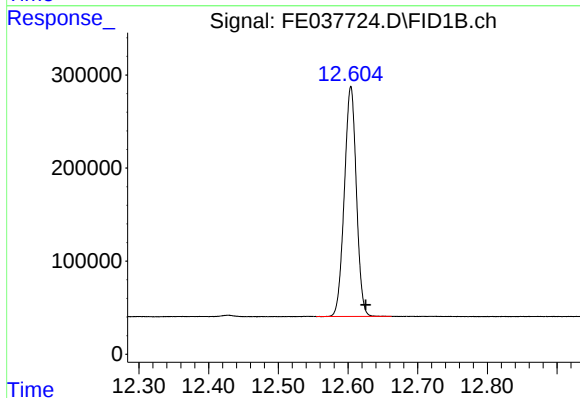
R.T.: 11.301 min
Delta R.T.: -0.023 min
Response: 3055789
Conc: 19.19 ug/ml



#9 ortho-Terphenyl (SURR)

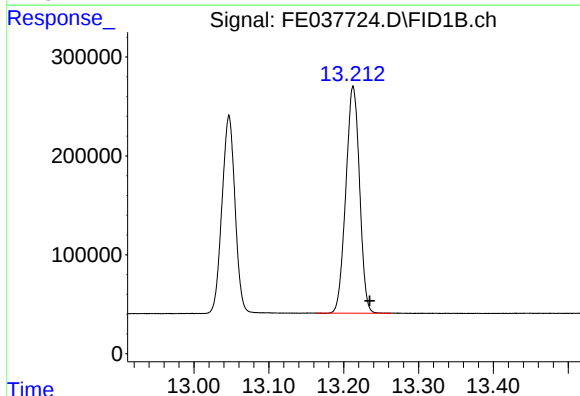
R.T.: 11.623 min
Delta R.T.: -0.024 min
Response: 3147059
Conc: 18.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



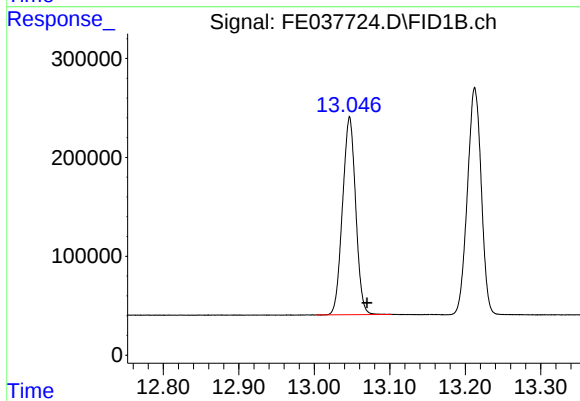
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.021 min
Response: 2966867
Conc: 18.75 ug/ml



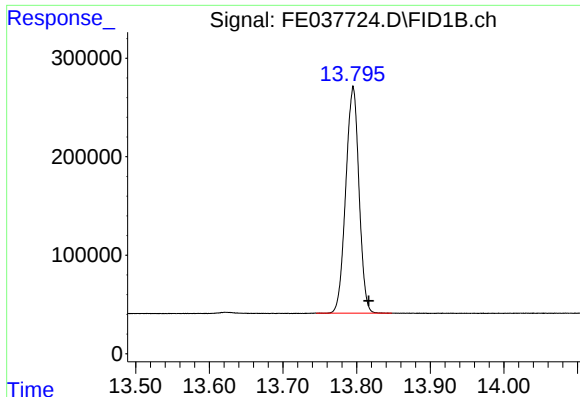
#11 n-Heneicosane (C21)

R.T.: 13.213 min
Delta R.T.: -0.022 min
Response: 2921720
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

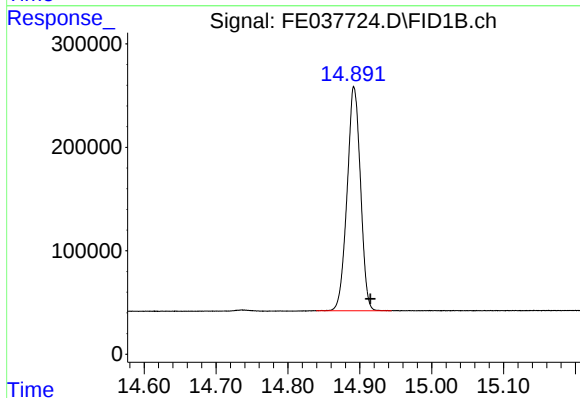
R.T.: 13.047 min
Delta R.T.: -0.023 min
Response: 2421218
Conc: 18.81 ug/ml



#13 n-Docosane (C22)

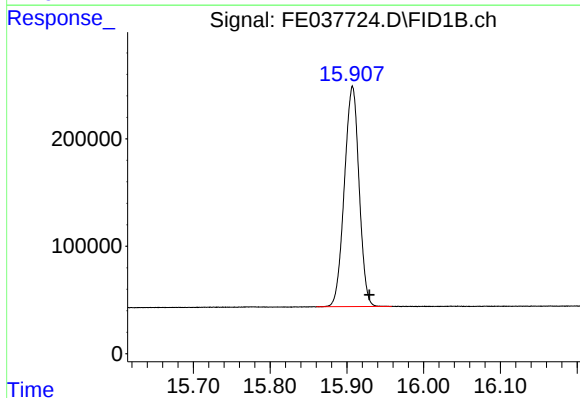
R.T.: 13.795 min
Delta R.T.: -0.021 min
Response: 2875172
Conc: 18.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



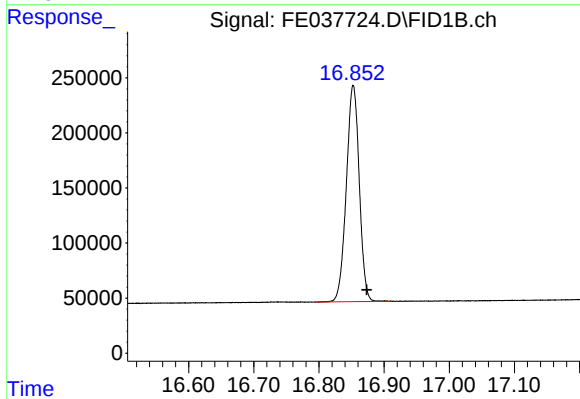
#14 n-Tetracosane (C24)

R.T.: 14.892 min
Delta R.T.: -0.023 min
Response: 2801082
Conc: 18.62 ug/ml



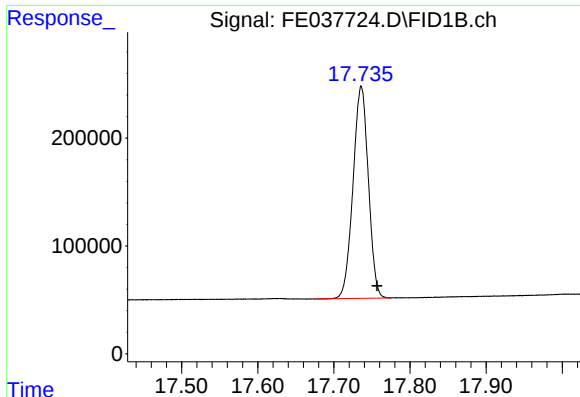
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.022 min
Response: 2734438
Conc: 18.88 ug/ml



#16 n-Octacosane (C28)

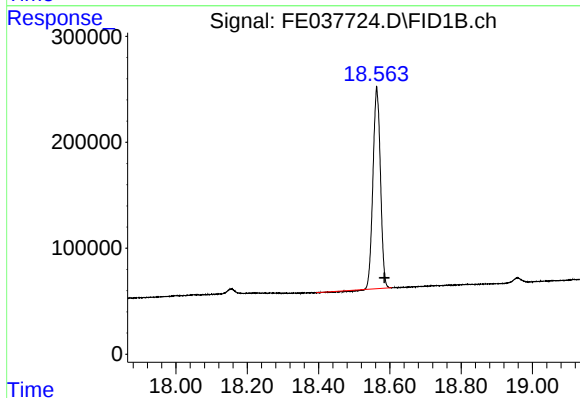
R.T.: 16.853 min
Delta R.T.: -0.021 min
Response: 2708267
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

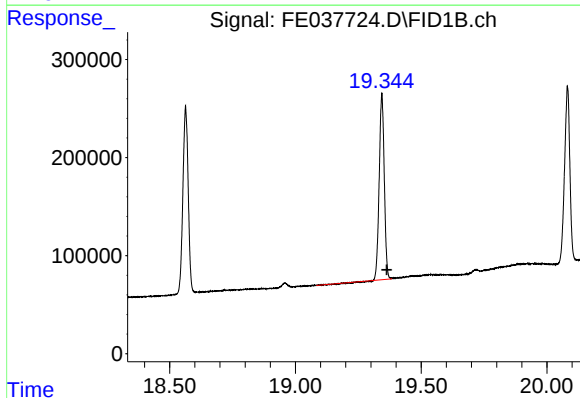
R.T.: 17.736 min
Delta R.T.: -0.021 min
Response: 2754601
Conc: 20.25 ug/ml

Instrument :
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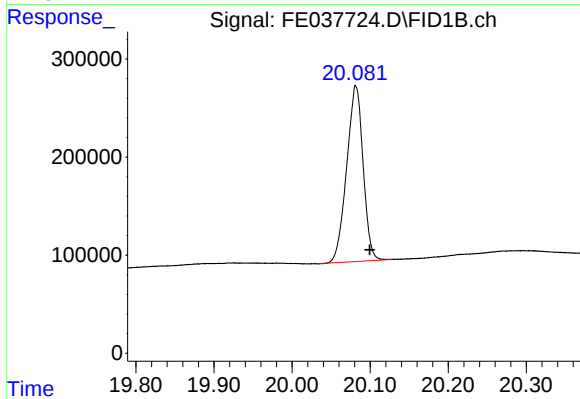
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.021 min
Response: 2740742
Conc: 20.52 ug/ml



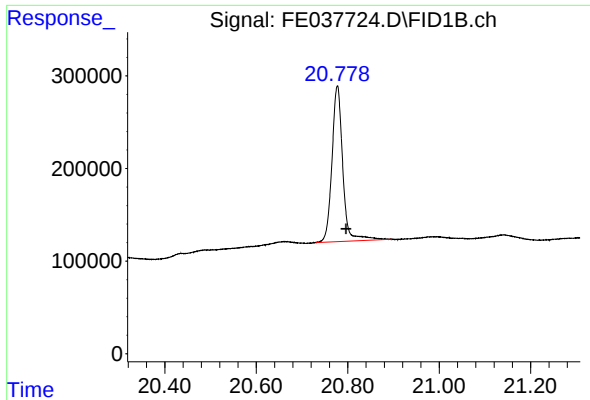
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.020 min
Response: 2633547
Conc: 20.81 ug/ml



#20 n-Hexatriacontane (C36)

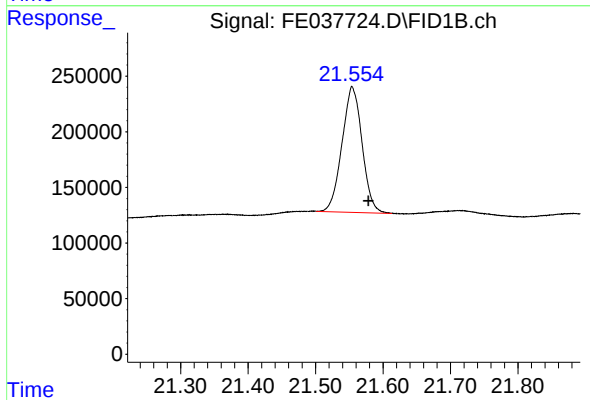
R.T.: 20.082 min
Delta R.T.: -0.018 min
Response: 2621982
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.019 min
Response: 2762166
Conc: 22.19 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.554 min
Delta R.T.: -0.025 min
Response: 2339012
Conc: 18.14 ug/ml m