

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092722AL\
 Data File : FE037807.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2022 09:18
 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: sample.E
 Quant Time: Sep 28 01:37:53 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)	11.616	3293929	19.492 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
12) S 1-chlorooctadecane (S...	13.040	2529222	19.652 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.011	3027445	19.786 ug/ml
2) T n-Decane (C10)	4.269	3108612	20.163 ug/ml
3) T A~Naphthalene (C11.7)	5.986	2967804	20.600 ug/ml
4) T n-Dodecane (C12)	6.442	3176320	20.086 ug/ml
5) T A~2-methylnaphthalene...	7.079	2906192	20.816 ug/ml
6) T n-Tetradecane (C14)	9.860	3193020	20.151 ug/ml
7) T n-Hexadecane (C16)	9.860	3193020	20.151 ug/ml
8) T n-Octadecane (C18)	11.295	3176824	19.949 ug/ml
10) T n-Eicosane (C20)	12.597	3106090	19.631 ug/ml
11) T n-Heneicosane (C21)	13.206	3066599	19.447 ug/ml
13) T n-Docosane (C22)	13.789	3019382	19.396 ug/ml
14) T n-Tetracosane (C24)	14.886	2931339	19.490 ug/ml
15) T n-Hexacosane (C26)	15.901	2848054	19.668 ug/ml
16) T n-Octacosane (C28)	16.846	2823374	20.380 ug/ml
17) T n-Tricontane (C30)	17.728	2947304	21.666 ug/ml
18) T n-Dotriacontane (C32)	18.557	3013905	22.571 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2841005	22.454 ug/ml
20) T n-Hexatriacontane (C36)	20.071	2743050	21.328 ug/ml
21) T n-Octatriacontane (C38)	20.769	2599774	20.888 ug/ml
22) T n-Tetracontane (C40)	21.542	2515551	19.513 ug/ml

(f)=RT Delta > 1/2 Window

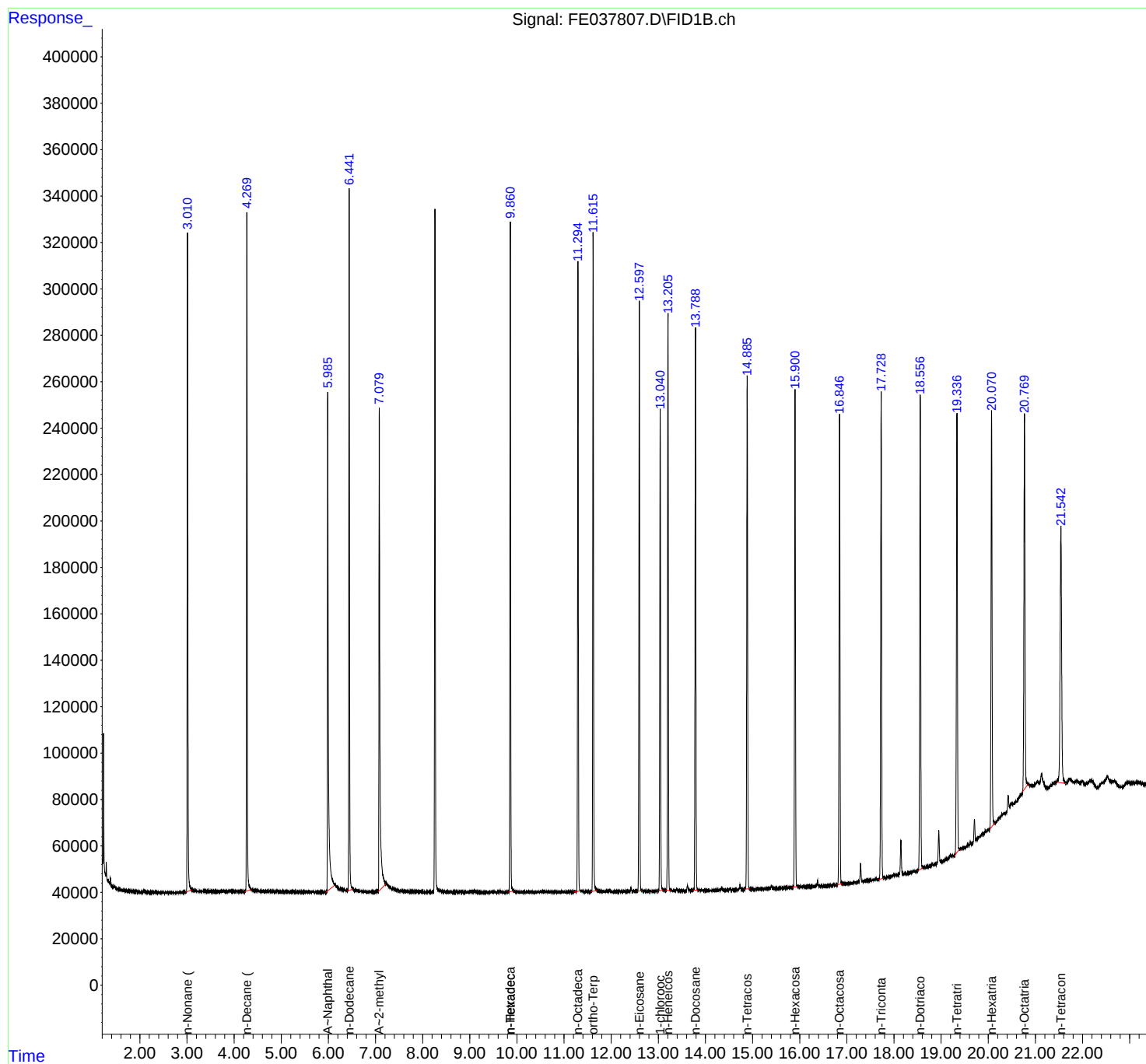
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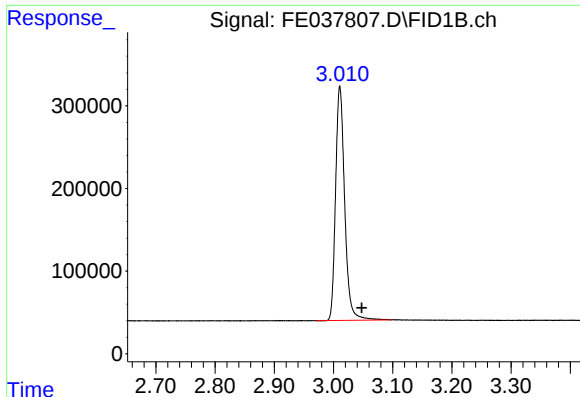
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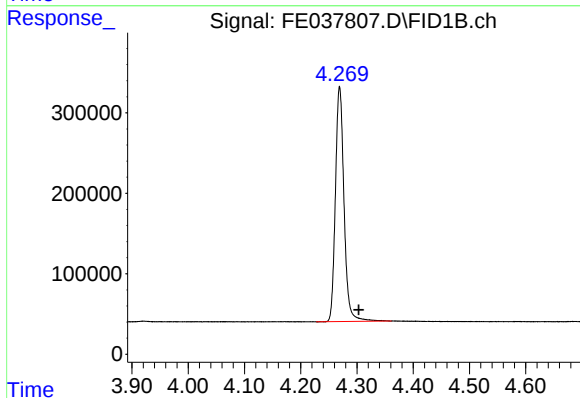




#1 n-Nonane (C9)

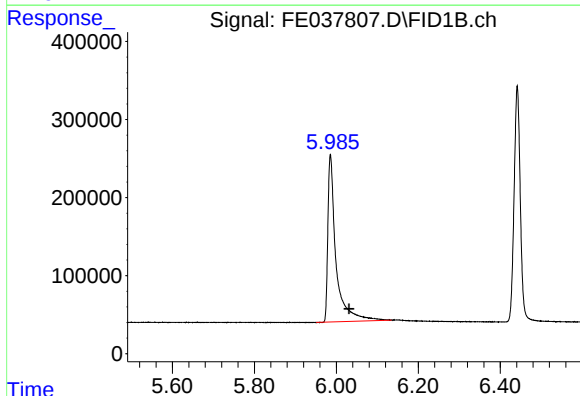
R.T.: 3.011 min
Delta R.T.: -0.037 min
Response: 3027445
Conc: 19.79 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



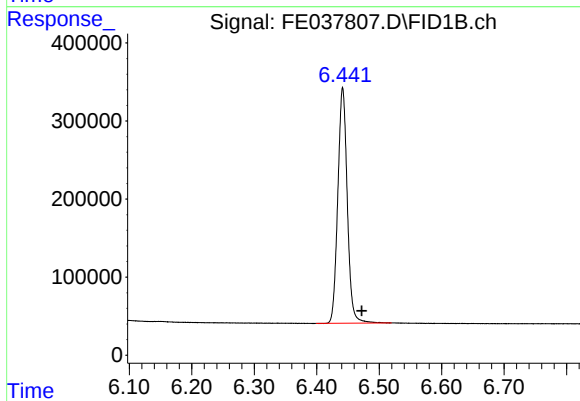
#2 n-Decane (C10)

R.T.: 4.269 min
Delta R.T.: -0.034 min
Response: 3108612
Conc: 20.16 ug/ml



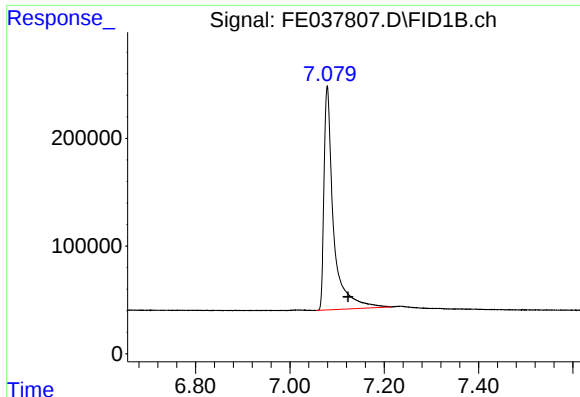
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.045 min
Response: 2967804
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

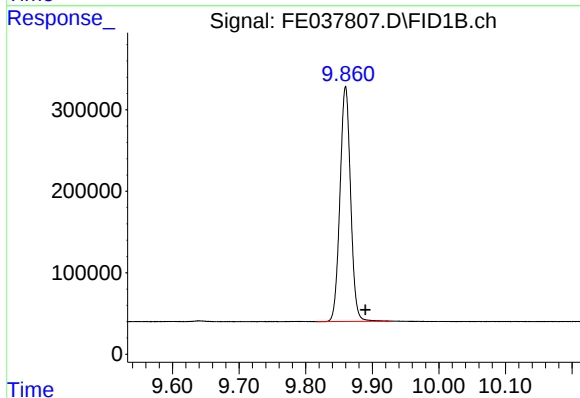
R.T.: 6.442 min
Delta R.T.: -0.031 min
Response: 3176320
Conc: 20.09 ug/ml



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

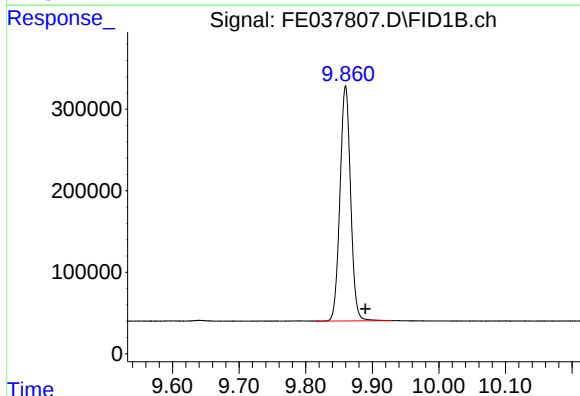
R.T.: 7.079 min
Delta R.T.: -0.044 min
Response: 2906192
Conc: 20.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



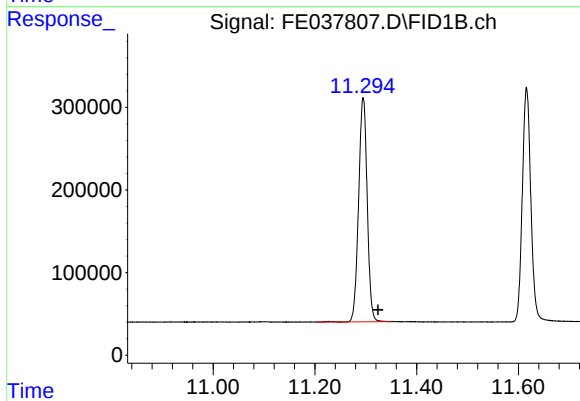
#6 n-Tetradecane (C14)

R.T.: 9.860 min
Delta R.T.: -0.030 min
Response: 3193020
Conc: 20.15 ug/ml



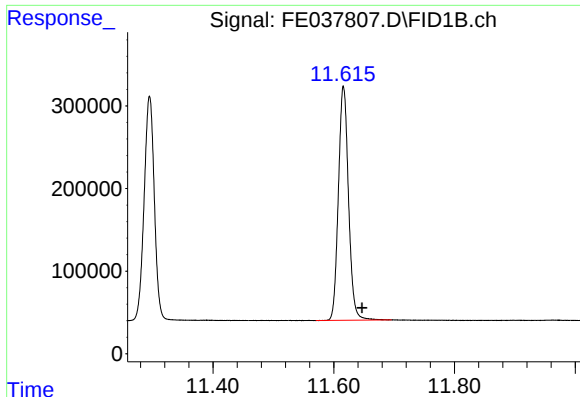
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.030 min
Response: 3193020
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

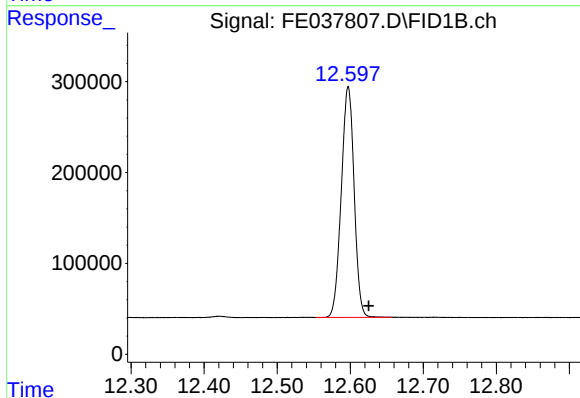
R.T.: 11.295 min
Delta R.T.: -0.029 min
Response: 3176824
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

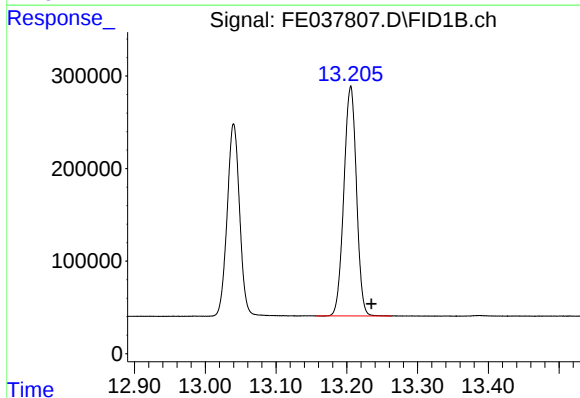
R.T.: 11.616 min
Delta R.T.: -0.031 min
Response: 3293929
Conc: 19.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



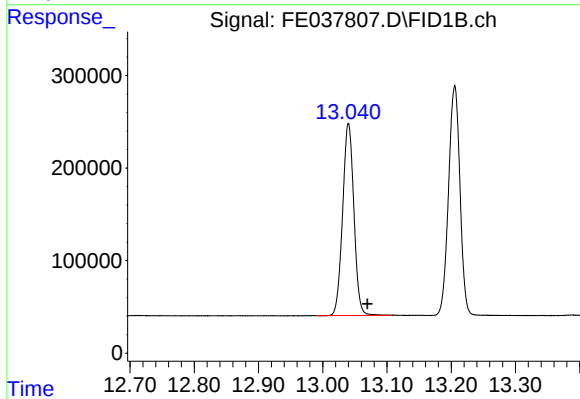
#10 n-Eicosane (C20)

R.T.: 12.597 min
Delta R.T.: -0.028 min
Response: 3106090
Conc: 19.63 ug/ml



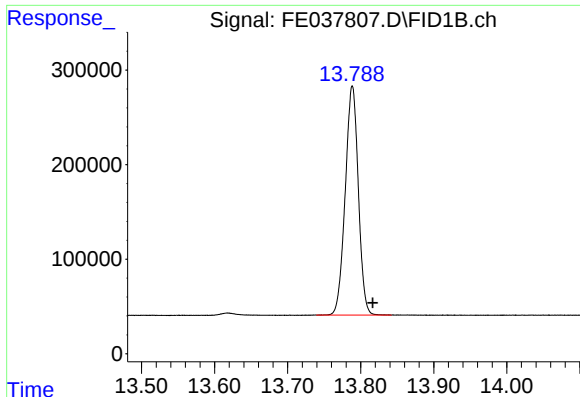
#11 n-Heneicosane (C21)

R.T.: 13.206 min
Delta R.T.: -0.029 min
Response: 3066599
Conc: 19.45 ug/ml



#12 1-chlorooctadecane (SURR)

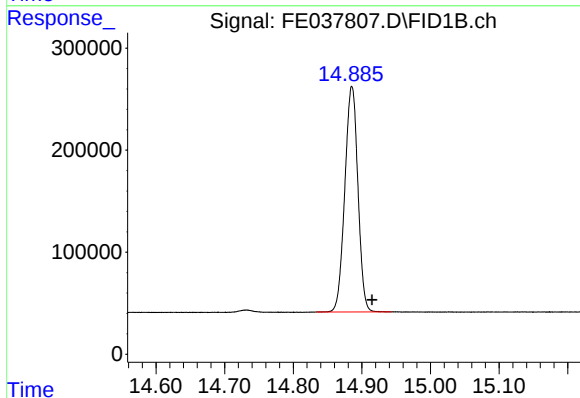
R.T.: 13.040 min
Delta R.T.: -0.030 min
Response: 2529222
Conc: 19.65 ug/ml



#13 n-Docosane (C22)

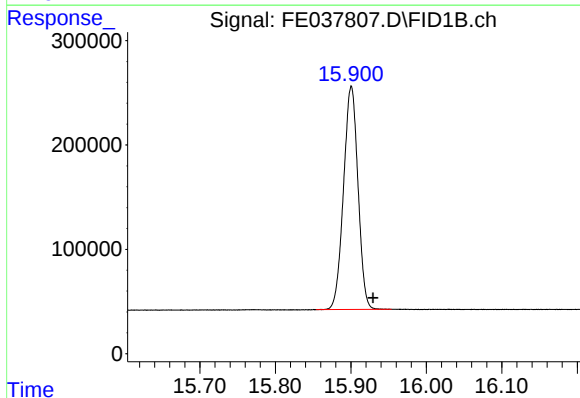
R.T.: 13.789 min
Delta R.T.: -0.028 min
Response: 3019382
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



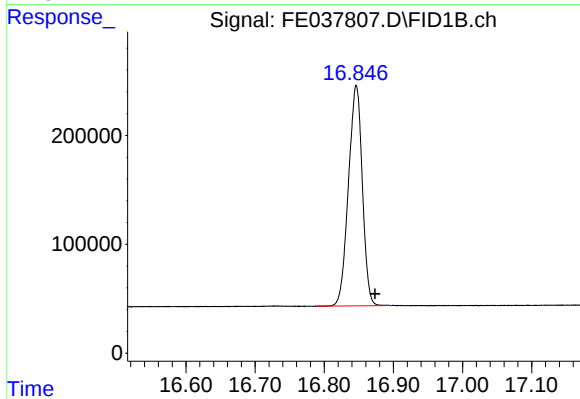
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: -0.029 min
Response: 2931339
Conc: 19.49 ug/ml



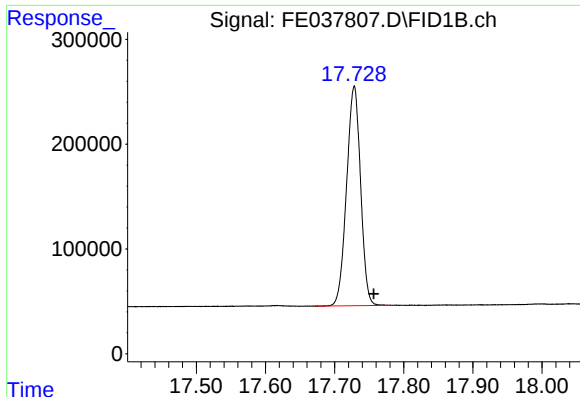
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: -0.029 min
Response: 2848054
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

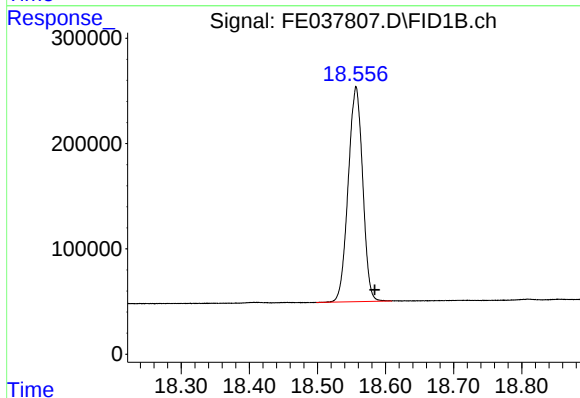
R.T.: 16.846 min
Delta R.T.: -0.027 min
Response: 2823374
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

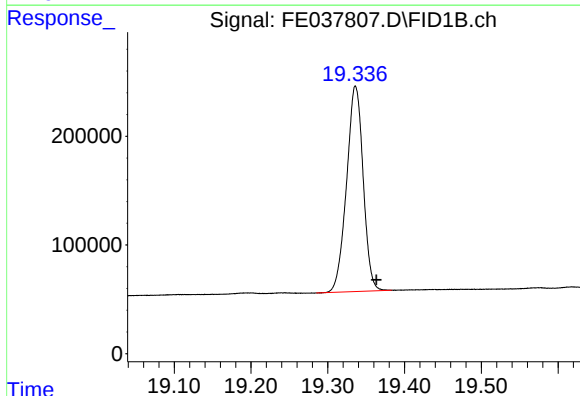
R.T.: 17.728 min
Delta R.T.: -0.028 min
Response: 2947304
Conc: 21.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



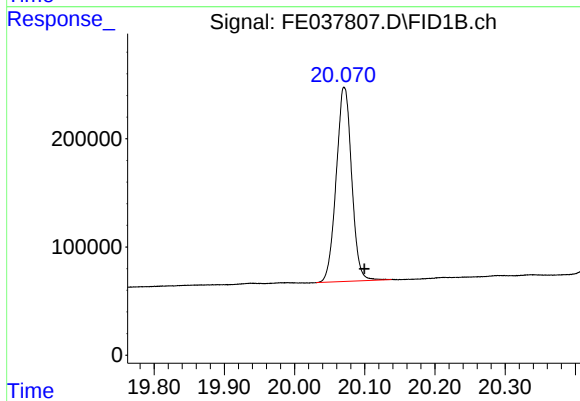
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: -0.027 min
Response: 3013905
Conc: 22.57 ug/ml



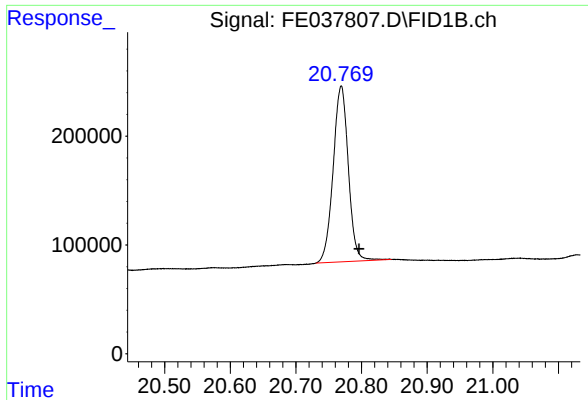
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.027 min
Response: 2841005
Conc: 22.45 ug/ml



#20 n-Hexatriacontane (C36)

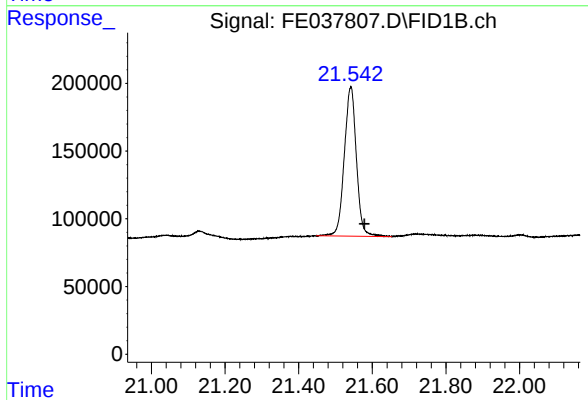
R.T.: 20.071 min
Delta R.T.: -0.029 min
Response: 2743050
Conc: 21.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.769 min
Delta R.T.: -0.027 min
Response: 2599774
Conc: 20.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.542 min
Delta R.T.: -0.036 min
Response: 2515551
Conc: 19.51 ug/ml