

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113022AL\
 Data File : FE039019.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2022 12:43
 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: Nov 30 13:44:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.952	3264807	20.869 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
12) S 1-chlorooctadecane (S...	13.386	2527715	20.935 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
Target Compounds			
1) T n-Nonane (C9)	3.345	2827646	19.948 ug/ml
2) T n-Decane (C10)	4.594	2820647	20.237 ug/ml
3) T A~Naphthalene (C11.7)	6.297	3240545	20.374 ug/ml
4) T n-Dodecane (C12)	6.757	2853952	20.247 ug/ml
5) T A~2-methylnaphthalene...	7.391	3049579	20.376 ug/ml
6) T n-Tetradecane (C14)	8.583	2913052	20.396 ug/ml
7) T n-Hexadecane (C16)	10.190	3013533	20.611 ug/ml
8) T n-Octadecane (C18)	11.632	3059838	20.794 ug/ml
10) T n-Eicosane (C20)	12.941	2969949	20.921 ug/ml
11) T n-Heneicosane (C21)	13.553	2974049	20.929 ug/ml
13) T n-Docosane (C22)	14.139	2945961	21.075 ug/ml
14) T n-Tetracosane (C24)	15.242	2898087	20.985 ug/ml
15) T n-Hexacosane (C26)	16.262	2838810	21.136 ug/ml
16) T n-Octacosane (C28)	17.213	2875528	21.653 ug/ml
17) T n-Tricontane (C30)	18.100	3046750	23.071 ug/ml
18) T n-Dotriacontane (C32)	18.932	3136432	23.517 ug/ml
19) T n-Tetratriacontane (C34)	19.716	3024612	22.858 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2832275	22.046 ug/ml
21) T n-Octatriacontane (C38)	21.196	2833610	21.625 ug/ml
22) T n-Tetracontane (C40)	22.118	2895472	21.264 ug/ml

(f)=RT Delta > 1/2 Window

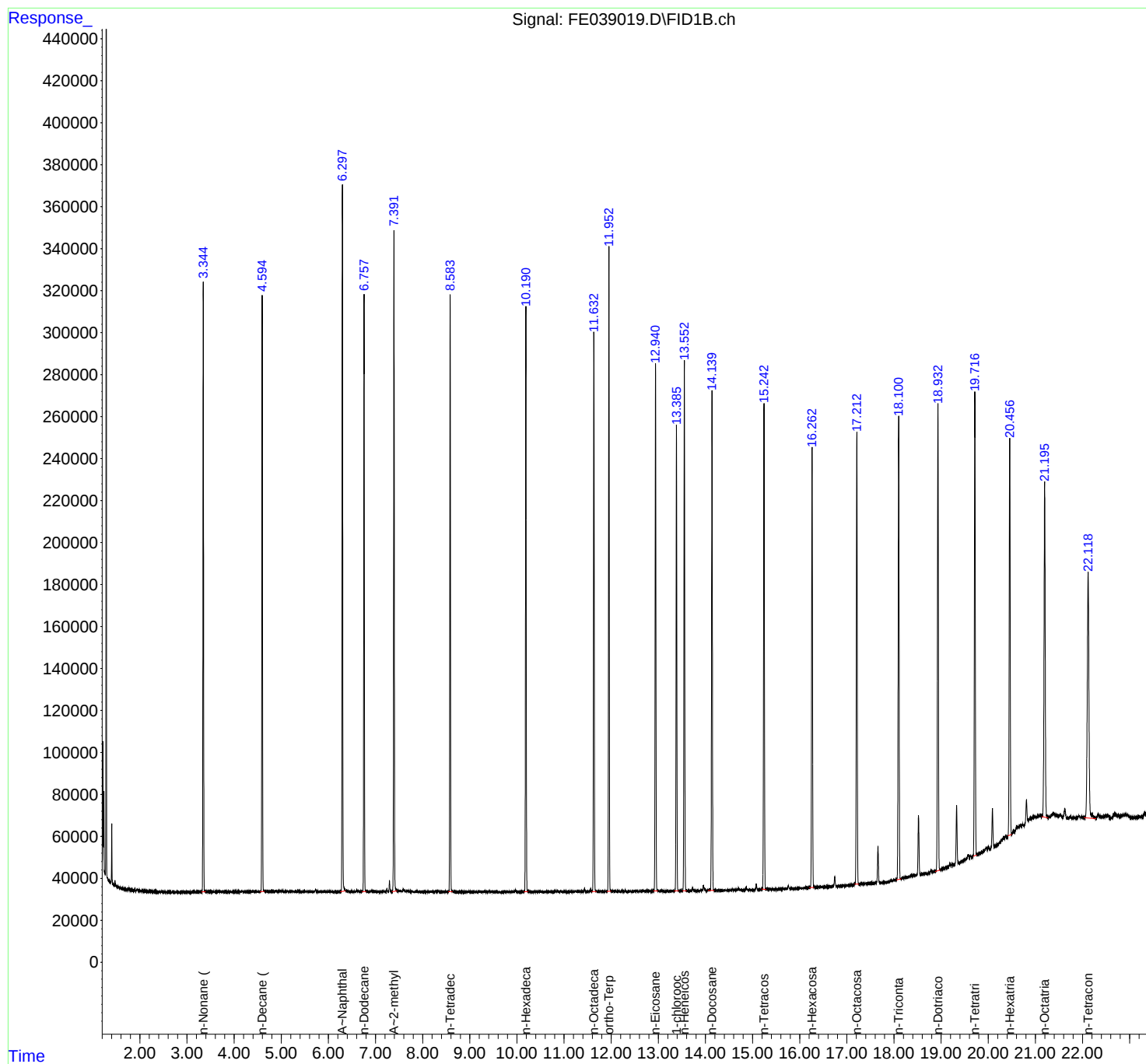
(m)=manual int.

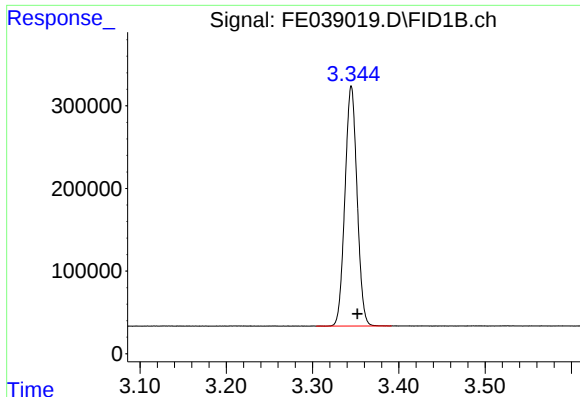
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113022AL\
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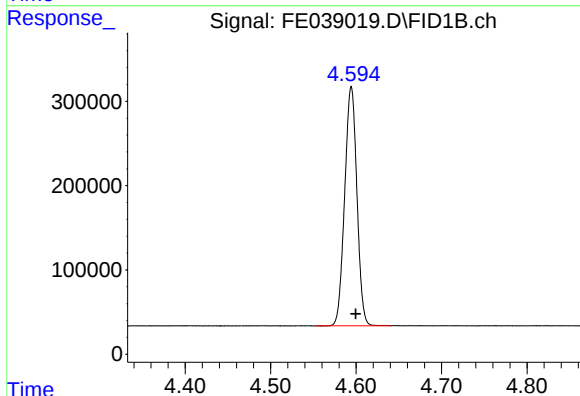




#1 n-Nonane (C9)

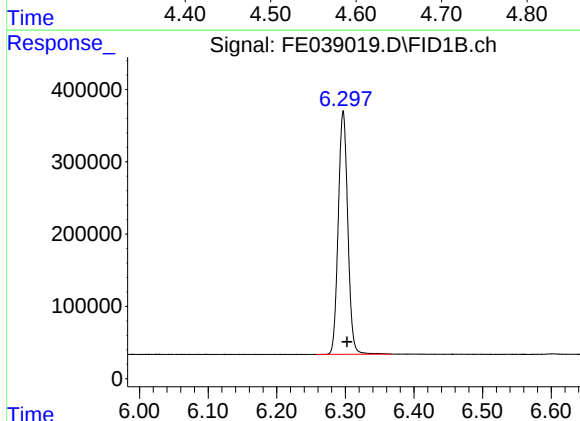
R.T.: 3.345 min
Delta R.T.: -0.007 min
Response: 2827646
Conc: 19.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



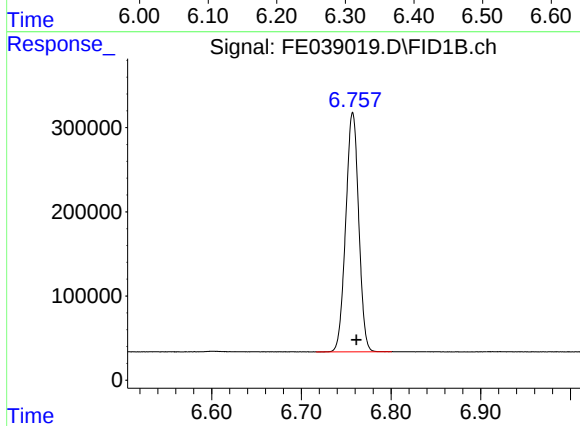
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 2820647
Conc: 20.24 ug/ml



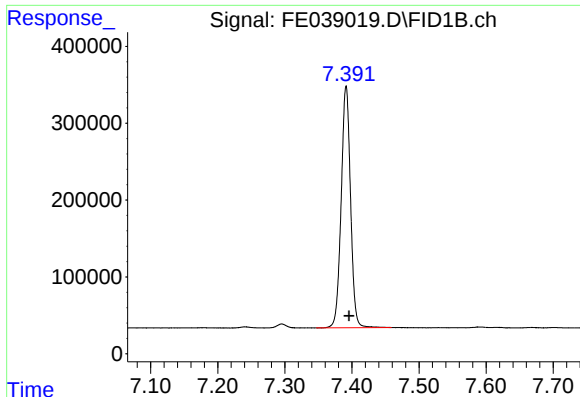
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.005 min
Response: 3240545
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

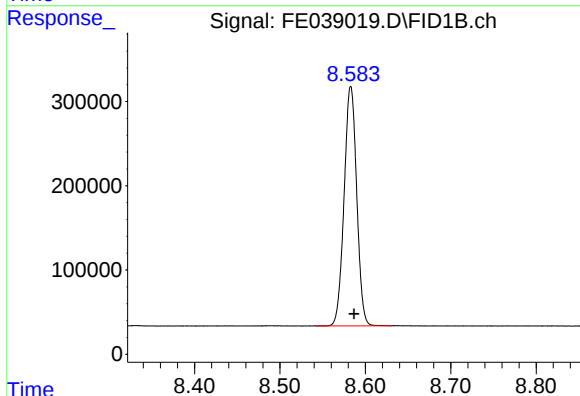
R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 2853952
Conc: 20.25 ug/ml



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

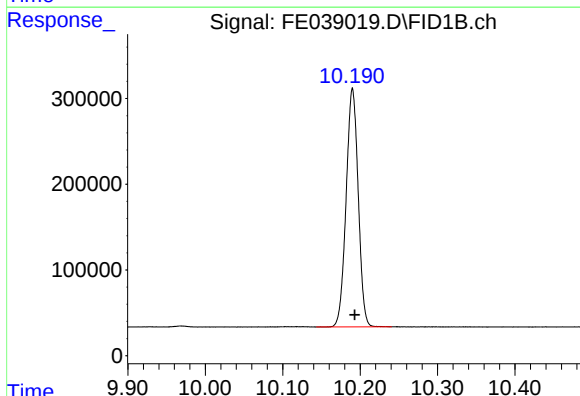
R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 3049579
Conc: 20.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



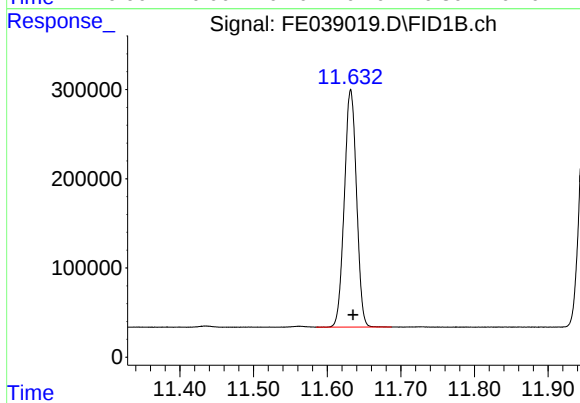
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.004 min
Response: 2913052
Conc: 20.40 ug/ml



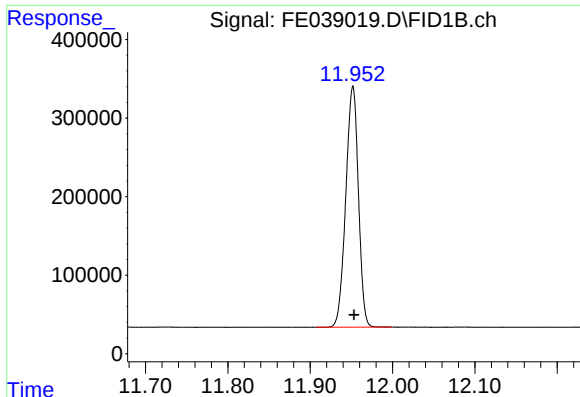
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: -0.003 min
Response: 3013533
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

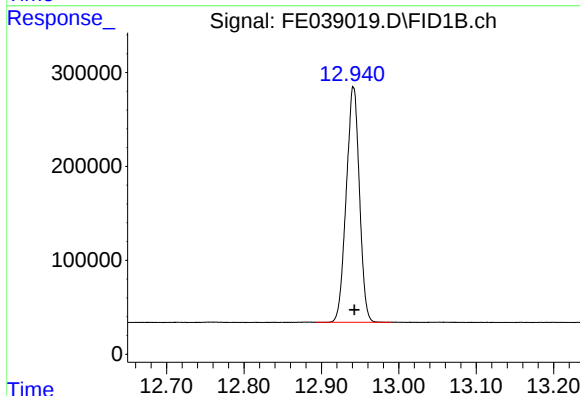
R.T.: 11.632 min
Delta R.T.: -0.003 min
Response: 3059838
Conc: 20.79 ug/ml



#9 ortho-Terphenyl (SURR)

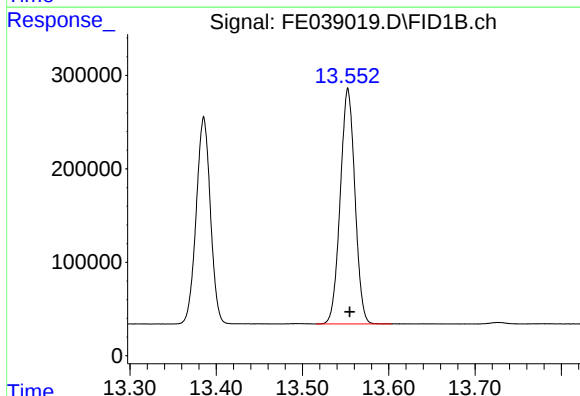
R.T.: 11.952 min
Delta R.T.: -0.001 min
Response: 3264807
Conc: 20.87 ug/ml

Instrument :
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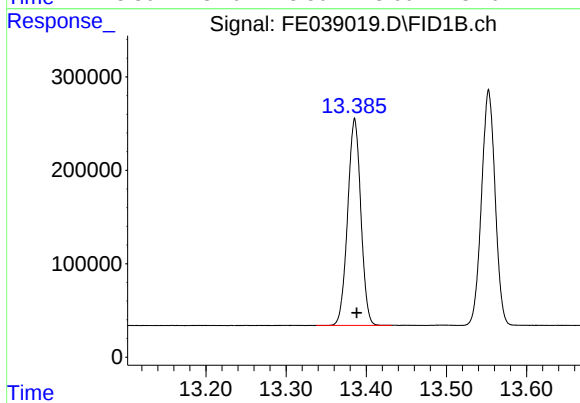
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.001 min
Response: 2969949
Conc: 20.92 ug/ml



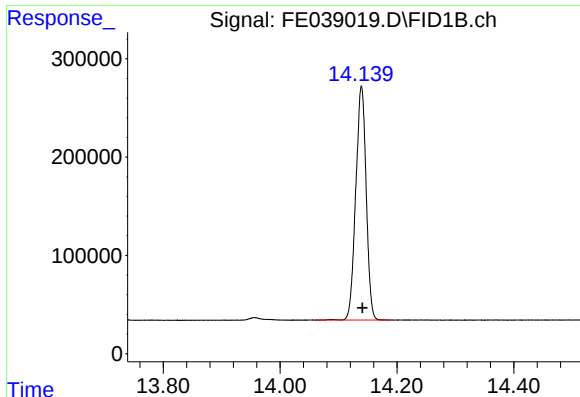
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.002 min
Response: 2974049
Conc: 20.93 ug/ml



#12 1-chlorooctadecane (SURR)

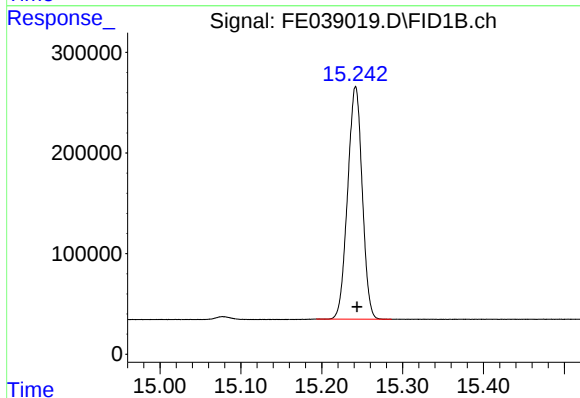
R.T.: 13.386 min
Delta R.T.: -0.002 min
Response: 2527715
Conc: 20.94 ug/ml



#13 n-Docosane (C22)

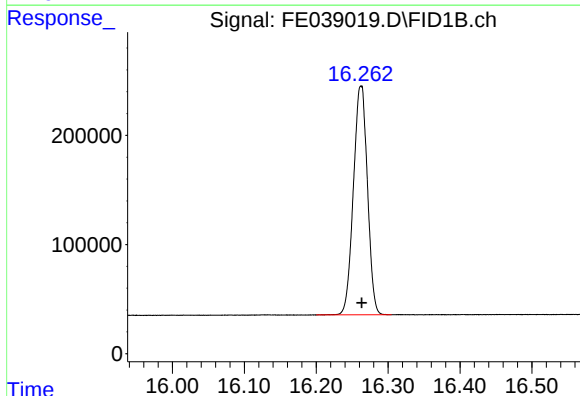
R.T.: 14.139 min
Delta R.T.: -0.002 min
Response: 2945961
Conc: 21.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



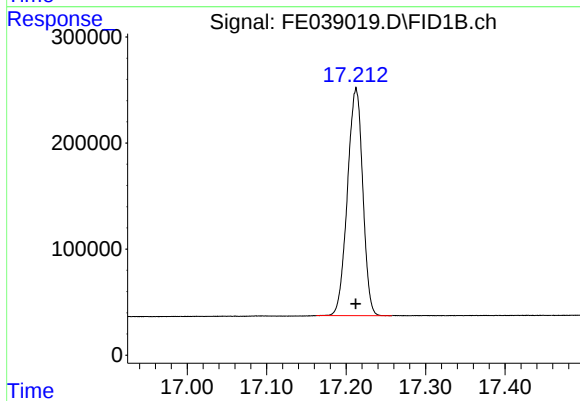
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.002 min
Response: 2898087
Conc: 20.98 ug/ml



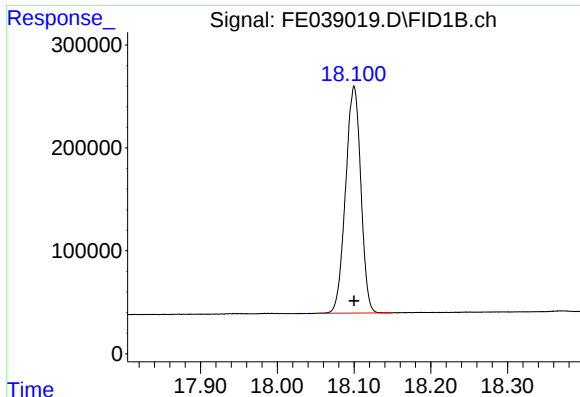
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.000 min
Response: 2838810
Conc: 21.14 ug/ml



#16 n-Octacosane (C28)

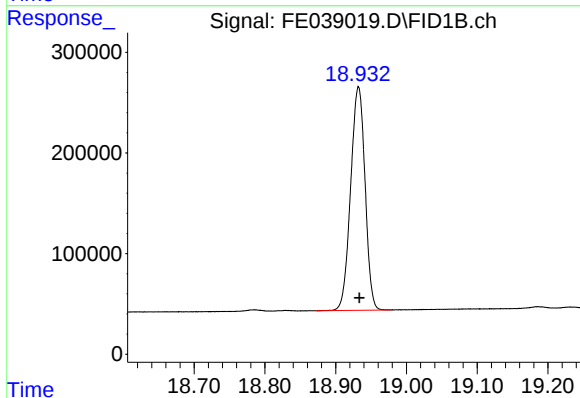
R.T.: 17.213 min
Delta R.T.: 0.000 min
Response: 2875528
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

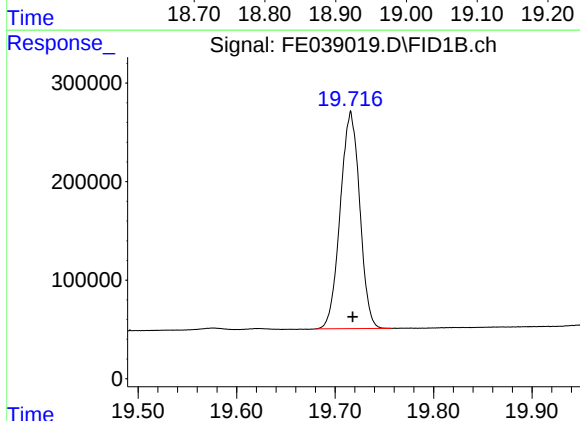
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3046750
Conc: 23.07 ug/ml

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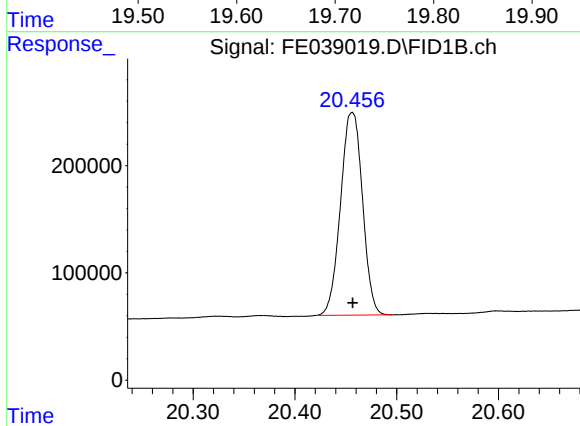
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.001 min
Response: 3136432
Conc: 23.52 ug/ml



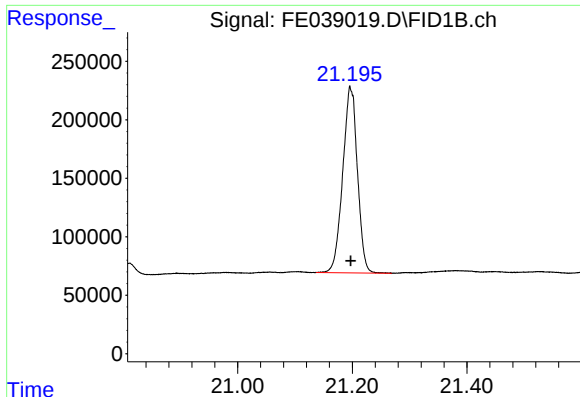
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.002 min
Response: 3024612
Conc: 22.86 ug/ml



#20 n-Hexatriacontane (C36)

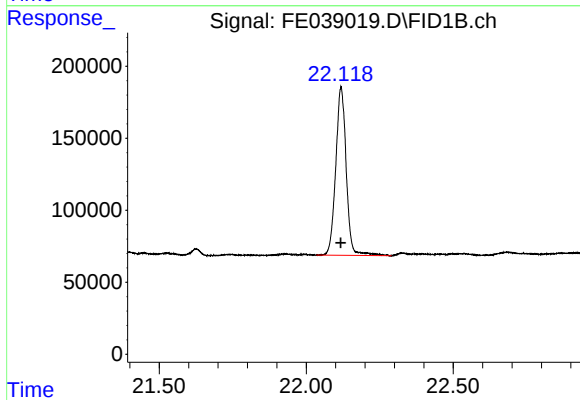
R.T.: 20.456 min
Delta R.T.: 0.000 min
Response: 2832275
Conc: 22.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.000 min
Response: 2833610
Conc: 21.62 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: 0.000 min
Response: 2895472
Conc: 21.26 ug/ml