

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072823AL\
 Data File : FE043587.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jul 2023 09:27
 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: sample.E
 Quant Time: Jul 28 12:33:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 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)	11.886	3827236	21.373 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
12) S 1-chlorooctadecane (S...	13.323	2831773	21.552 ug/ml
Spiked Amount 50.000		Recovery =	43.10%
Target Compounds			
1) T n-Nonane (C9)	3.263	3183710	20.852 ug/ml
2) T n-Decane (C10)	4.516	3329735	21.359 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3431348	21.324 ug/ml
4) T n-Dodecane (C12)	6.687	3356191	21.299 ug/ml
5) T A~2-methylnaphthalene...	7.325	3245989	21.392 ug/ml
6) T n-Tetradecane (C14)	8.516	3349757	21.178 ug/ml
7) T n-Hexadecane (C16)	10.124	3459933	21.380 ug/ml
8) T n-Octadecane (C18)	11.567	3488201	21.398 ug/ml
10) T n-Eicosane (C20)	12.878	3332580	21.450 ug/ml
11) T n-Heneicosane (C21)	13.488	3248539	21.442 ug/ml
13) T n-Docosane (C22)	14.074	3233749	21.638 ug/ml
14) T n-Tetracosane (C24)	15.178	3180869	21.659 ug/ml
15) T n-Hexacosane (C26)	16.200	3120637	21.910 ug/ml
16) T n-Octacosane (C28)	17.148	3120242	22.176 ug/ml
17) T n-Tricontane (C30)	18.037	3360206	22.810 ug/ml
18) T n-Dotriacontane (C32)	18.870	3427426	23.130 ug/ml
19) T n-Tetratriacontane (C34)	19.654	3286962	22.775 ug/ml
20) T n-Hexatriacontane (C36)	20.393	3138556	21.354 ug/ml
21) T n-Octatriacontane (C38)	21.129	3094307	21.691 ug/ml
22) T n-Tetracontane (C40)	22.037	3093821	20.963 ug/ml

(f)=RT Delta > 1/2 Window

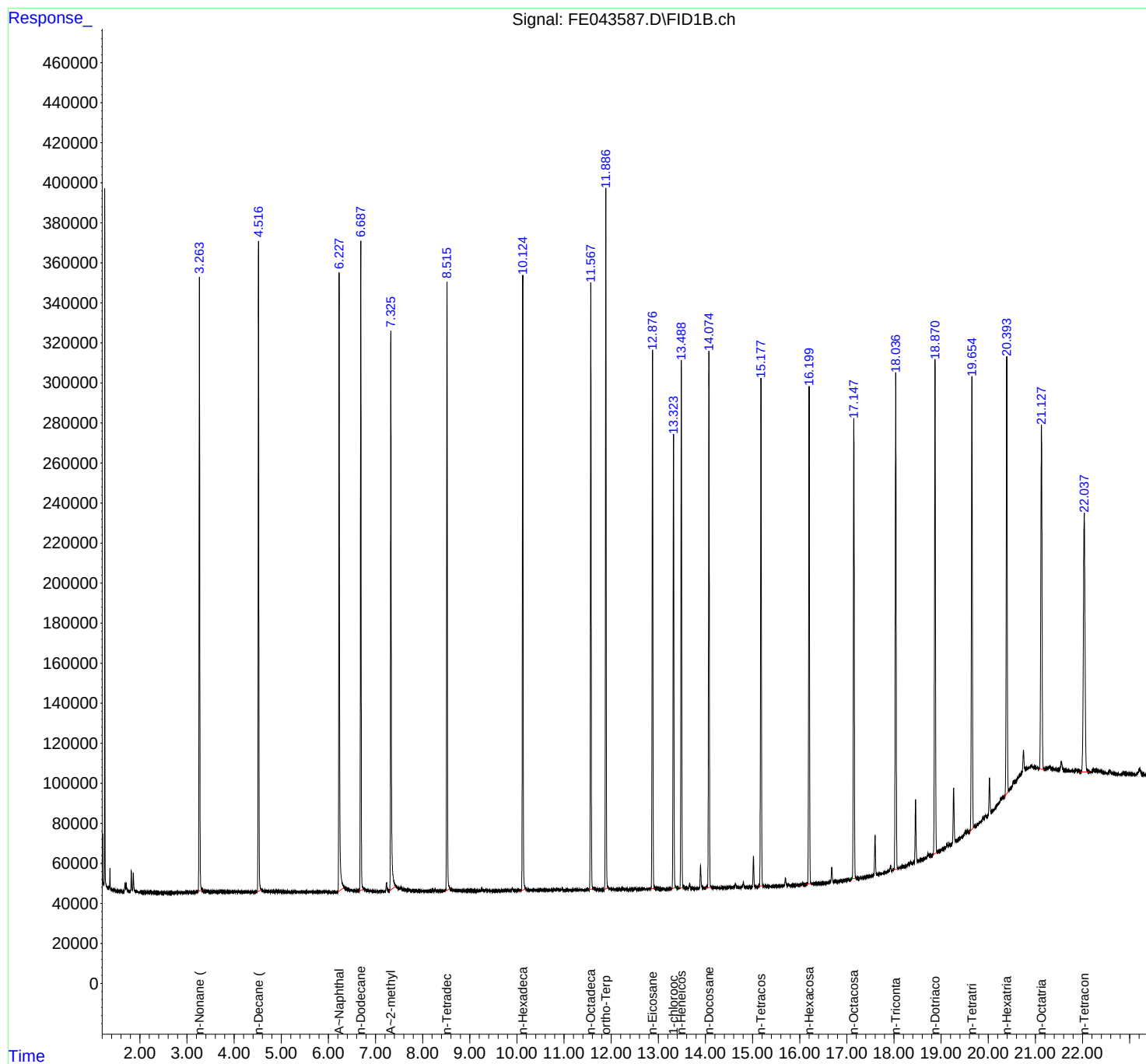
(m)=manual int.

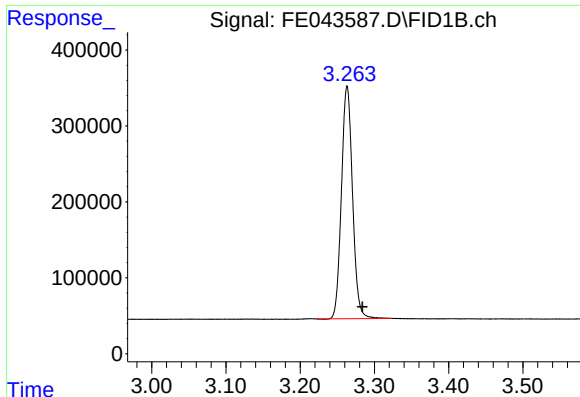
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072823AL\
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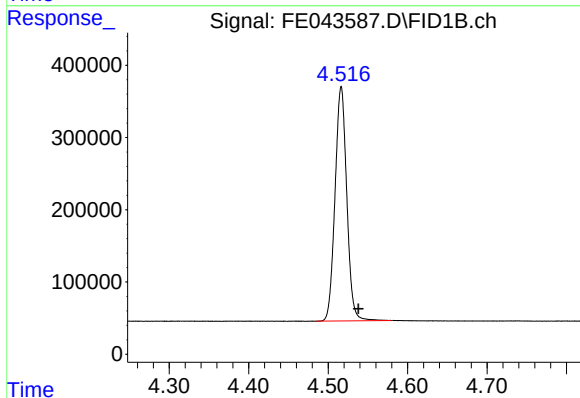




#1 n-Nonane (C9)

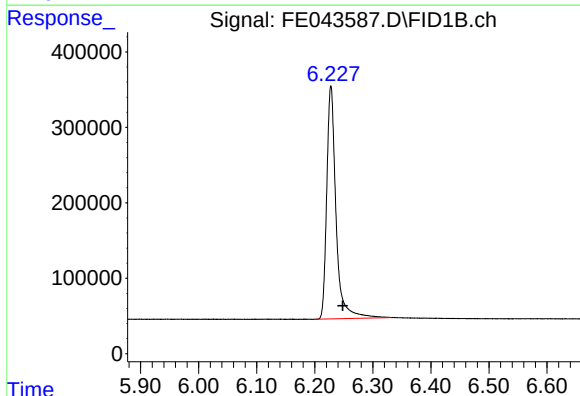
R.T.: 3.263 min
Delta R.T.: -0.021 min
Response: 3183710
Conc: 20.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



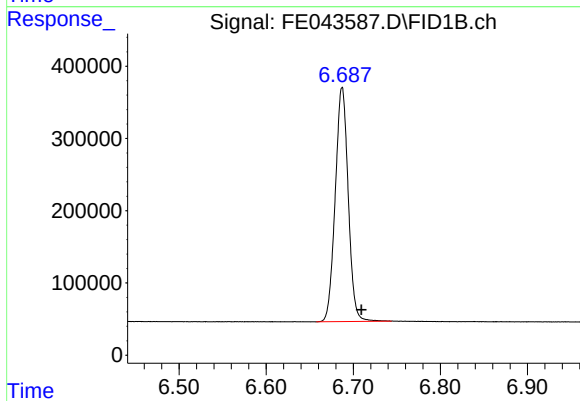
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.022 min
Response: 3329735
Conc: 21.36 ug/ml



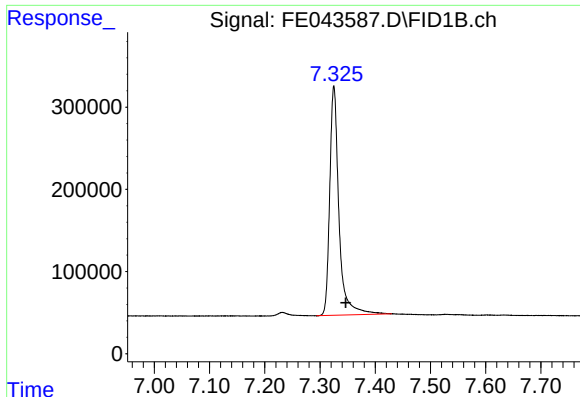
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.020 min
Response: 3431348
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

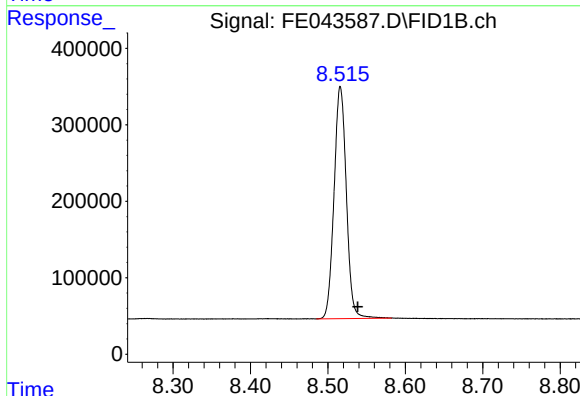
R.T.: 6.687 min
Delta R.T.: -0.022 min
Response: 3356191
Conc: 21.30 ug/ml



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

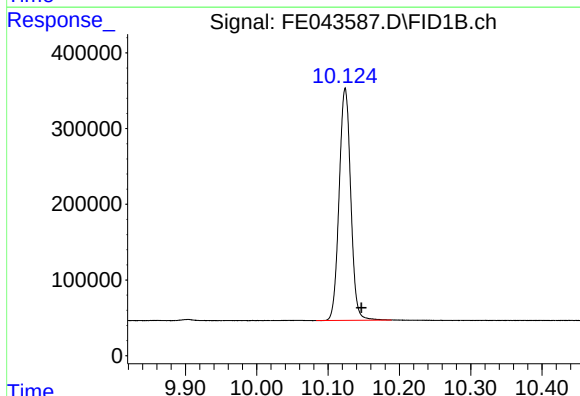
R.T.: 7.325 min
Delta R.T.: -0.021 min
Response: 3245989
Conc: 21.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



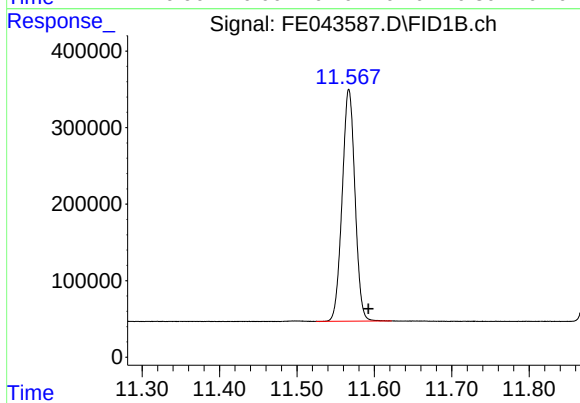
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.022 min
Response: 3349757
Conc: 21.18 ug/ml



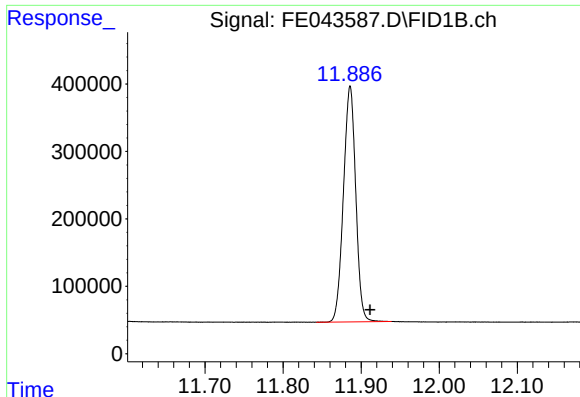
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.023 min
Response: 3459933
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

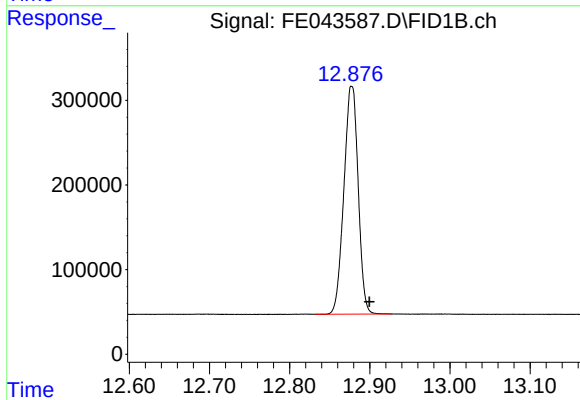
R.T.: 11.567 min
Delta R.T.: -0.025 min
Response: 3488201
Conc: 21.40 ug/ml



#9 ortho-Terphenyl (SURR)

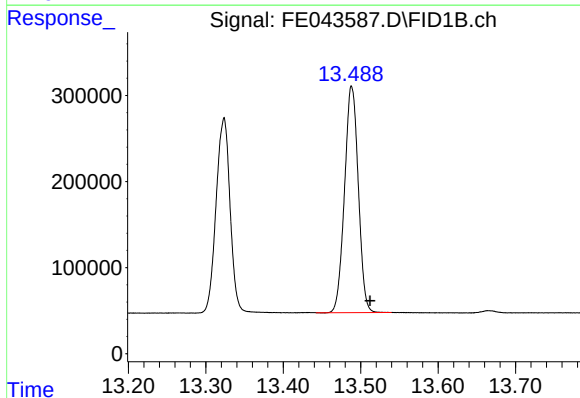
R.T.: 11.886 min
Delta R.T.: -0.025 min
Response: 3827236
Conc: 21.37 ug/ml

Instrument :
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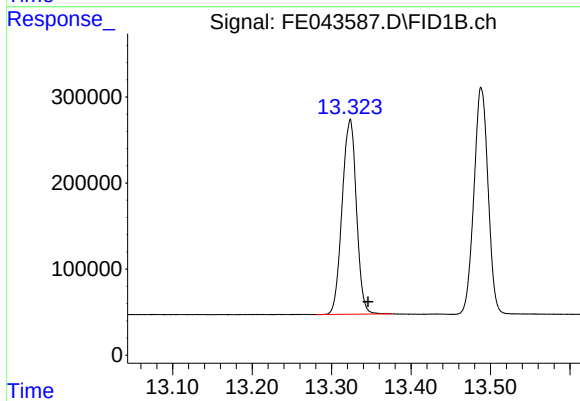
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.022 min
Response: 3332580
Conc: 21.45 ug/ml



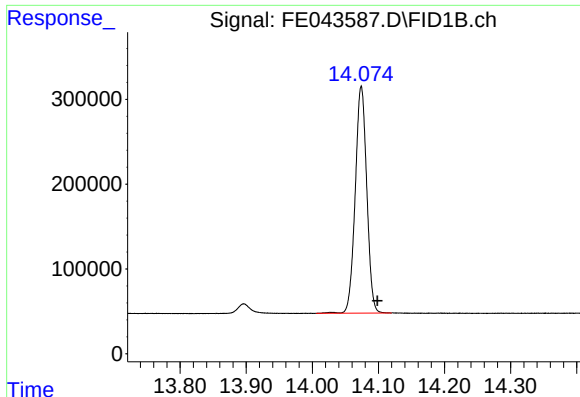
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.024 min
Response: 3248539
Conc: 21.44 ug/ml



#12 1-chlorooctadecane (SURR)

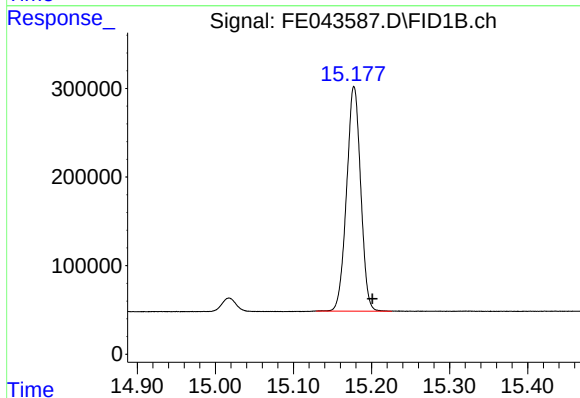
R.T.: 13.323 min
Delta R.T.: -0.022 min
Response: 2831773
Conc: 21.55 ug/ml



#13 n-Docosane (C22)

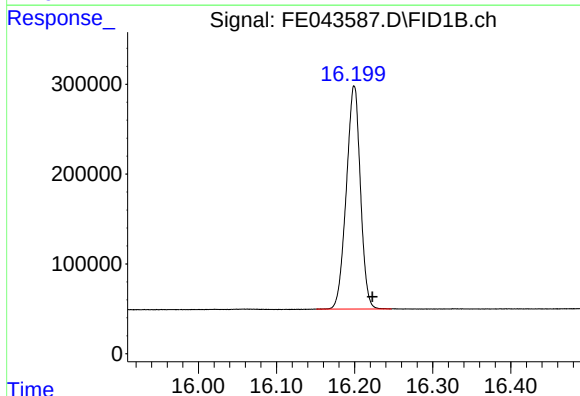
R.T.: 14.074 min
Delta R.T.: -0.024 min
Response: 3233749
Conc: 21.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



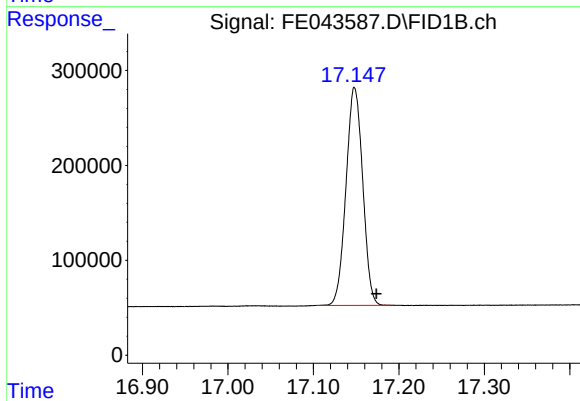
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.023 min
Response: 3180869
Conc: 21.66 ug/ml



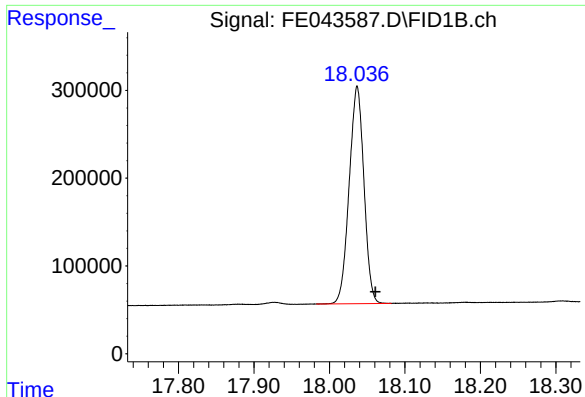
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.023 min
Response: 3120637
Conc: 21.91 ug/ml



#16 n-Octacosane (C28)

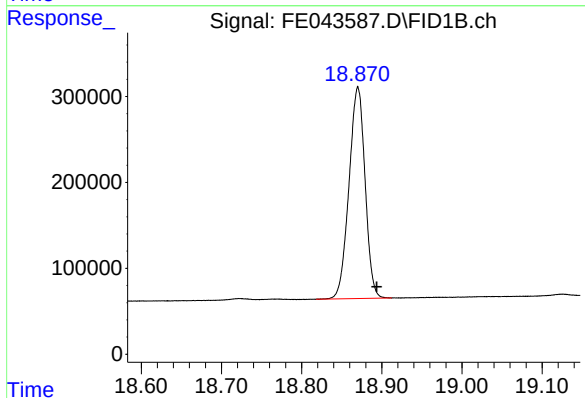
R.T.: 17.148 min
Delta R.T.: -0.025 min
Response: 3120242
Conc: 22.18 ug/ml



#17 n-Tricontane (C30)

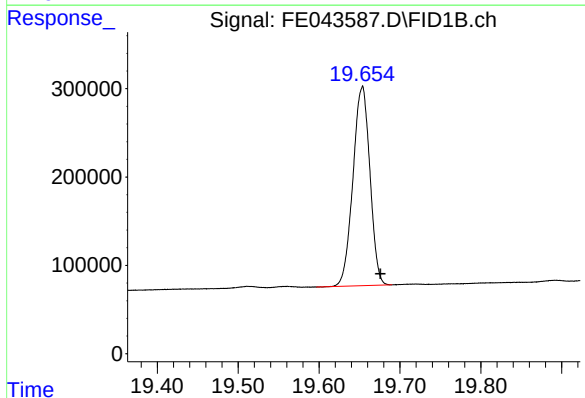
R.T.: 18.037 min
Delta R.T.: -0.024 min
Response: 3360206
Conc: 22.81 ug/ml

Instrument :
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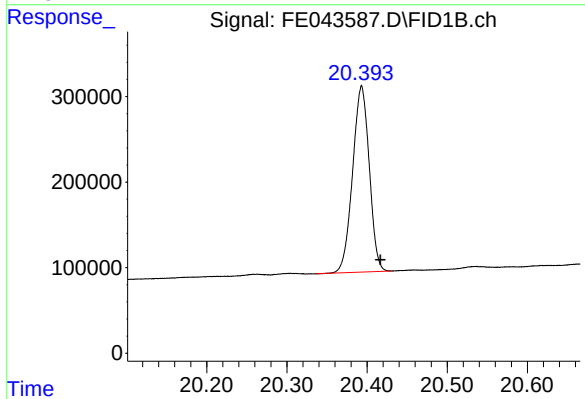
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.023 min
Response: 3427426
Conc: 23.13 ug/ml



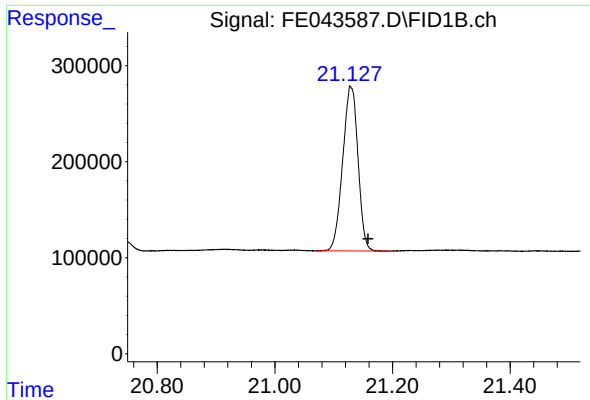
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.022 min
Response: 3286962
Conc: 22.78 ug/ml



#20 n-Hexatriacontane (C36)

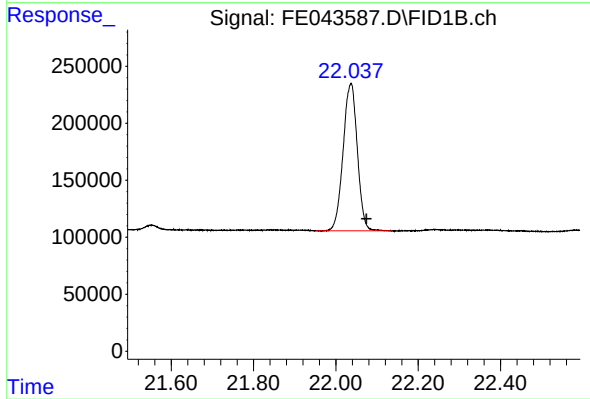
R.T.: 20.393 min
Delta R.T.: -0.023 min
Response: 3138556
Conc: 21.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: -0.029 min
Response: 3094307
Conc: 21.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.037 min
Response: 3093821
Conc: 20.96 ug/ml