

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112224AL\
 Data File : FE051401.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2024 05:35
 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: Nov 22 13:04:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 2024
 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)	11.841	3219440	21.449 ug/ml
Spiked Amount 50.000		Recovery =	42.90%
12) S 1-chlorooctadecane (S...	13.273	2456222	21.635 ug/ml
Spiked Amount 50.000		Recovery =	43.27%
Target Compounds			
1) T n-Nonane (C9)	3.230	2908268	21.018 ug/ml
2) T n-Decane (C10)	4.477	2938912	20.966 ug/ml
3) T A~Naphthalene (C11.7)	6.192	2816773	21.364 ug/ml
4) T n-Dodecane (C12)	6.644	2973940	21.062 ug/ml
5) T A~2-methylnaphthalene...	7.288	2586462	20.676 ug/ml
6) T n-Tetradecane (C14)	8.471	2920600	20.957 ug/ml
7) T n-Hexadecane (C16)	10.077	2987668	21.054 ug/ml
8) T n-Octadecane (C18)	11.519	3034432	21.249 ug/ml
10) T n-Eicosane (C20)	12.827	2933223	21.433 ug/ml
11) T n-Heneicosane (C21)	13.437	2880085	21.550 ug/ml
13) T n-Docosane (C22)	14.023	2847722	21.419 ug/ml
14) T n-Tetracosane (C24)	15.125	2816480	21.231 ug/ml
15) T n-Hexacosane (C26)	16.145	2756937	20.594 ug/ml
16) T n-Octacosane (C28)	17.093	2697253	19.785 ug/ml
17) T n-Tricontane (C30)	17.980	2709306	18.648 ug/ml
18) T n-Dotriacontane (C32)	18.811	2649058	17.841 ug/ml
19) T n-Tetratriacontane (C34)	19.594	2317235	17.246 ug/ml
20) T n-Hexatriacontane (C36)	20.334	1982117	16.612 ug/ml
21) T n-Octatriacontane (C38)	21.055	1903313	16.723 ug/ml
22) T n-Tetracontane (C40)	21.937	1988044	17.875 ug/ml

(f)=RT Delta > 1/2 Window

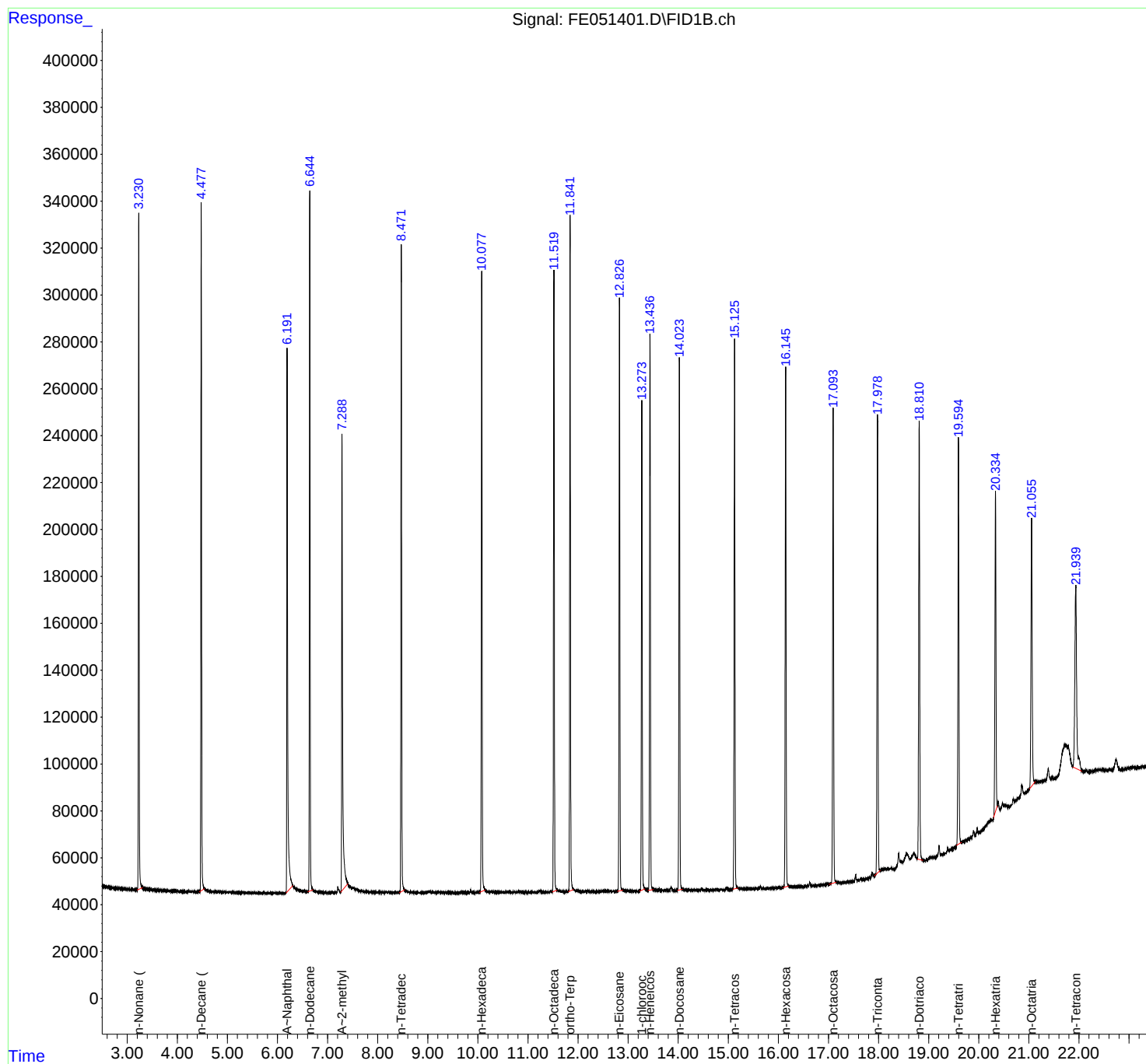
(m)=manual int.

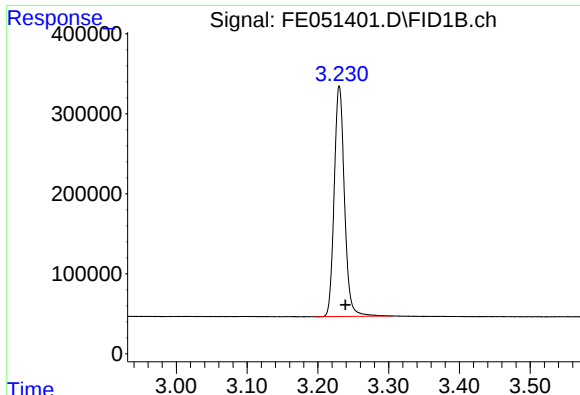
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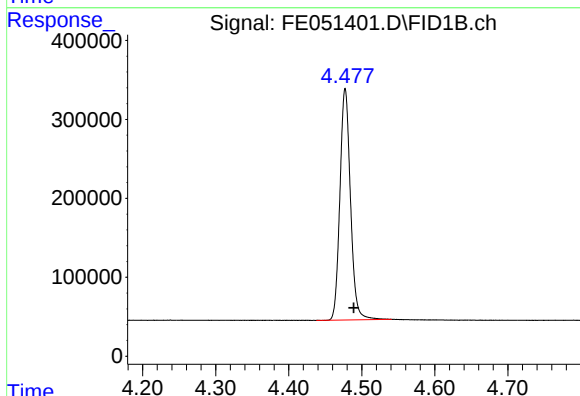




#1 n-Nonane (C9)

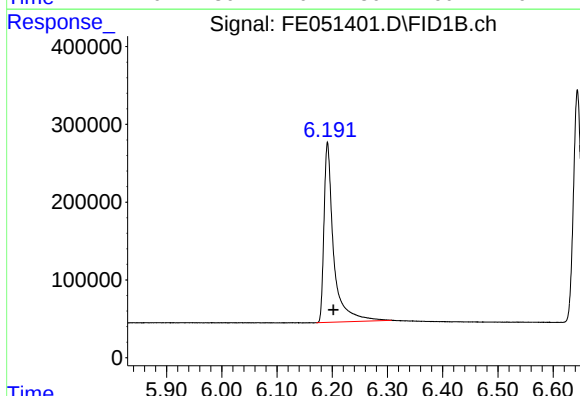
R.T.: 3.230 min
Delta R.T.: -0.009 min
Response: 2908268
Conc: 21.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



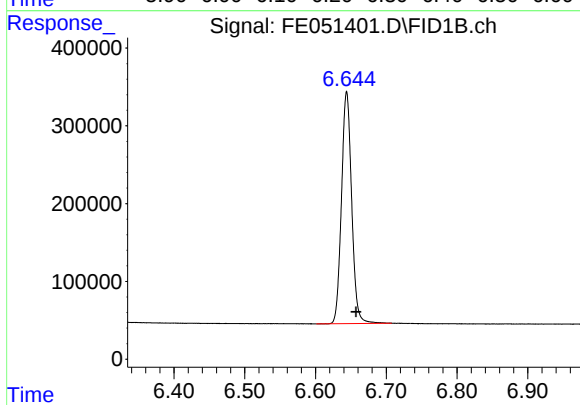
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.012 min
Response: 2938912
Conc: 20.97 ug/ml



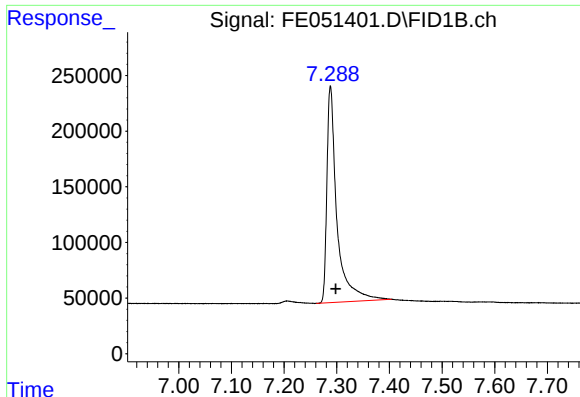
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: -0.010 min
Response: 2816773
Conc: 21.36 ug/ml



#4 n-Dodecane (C12)

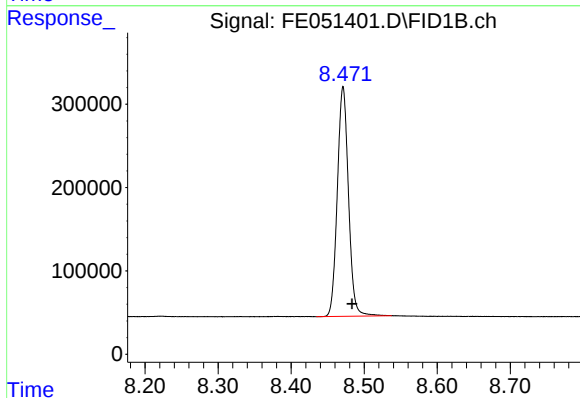
R.T.: 6.644 min
Delta R.T.: -0.013 min
Response: 2973940
Conc: 21.06 ug/ml



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

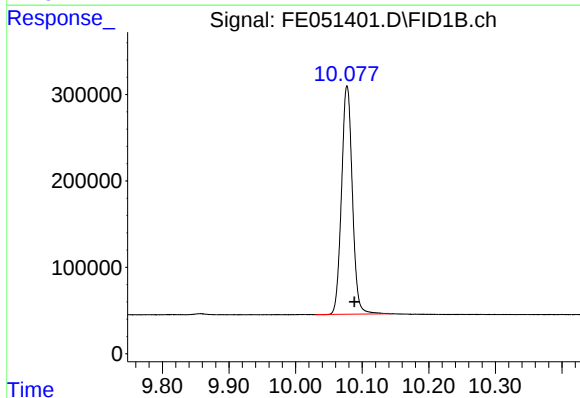
R.T.: 7.288 min
Delta R.T.: -0.010 min
Response: 2586462
Conc: 20.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



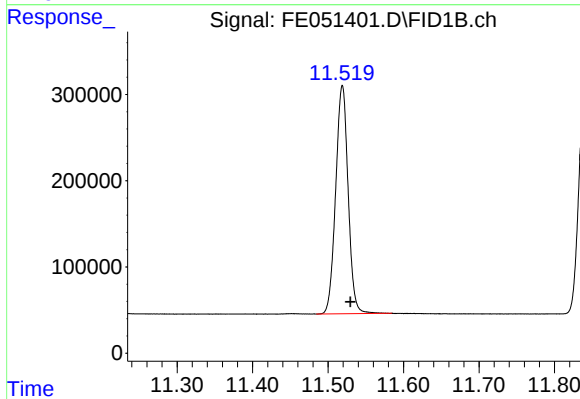
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.012 min
Response: 2920600
Conc: 20.96 ug/ml



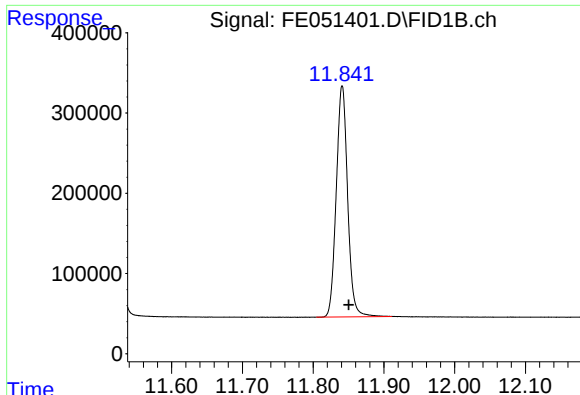
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.011 min
Response: 2987668
Conc: 21.05 ug/ml



#8 n-Octadecane (C18)

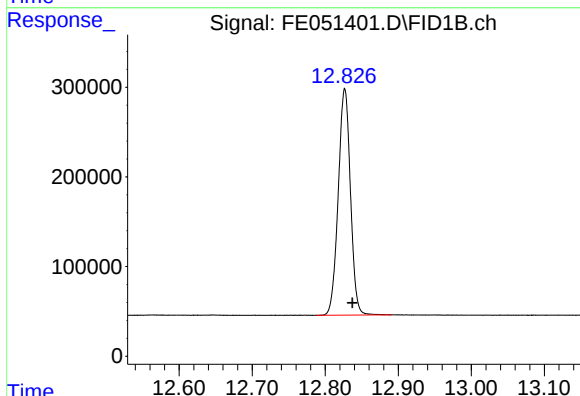
R.T.: 11.519 min
Delta R.T.: -0.011 min
Response: 3034432
Conc: 21.25 ug/ml



#9 ortho-Terphenyl (SURR)

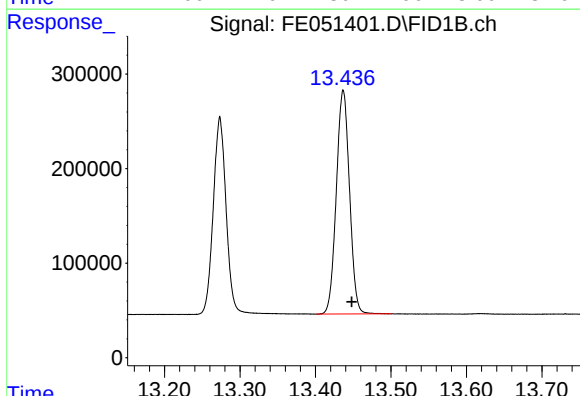
R.T.: 11.841 min
Delta R.T.: -0.009 min
Response: 3219440
Conc: 21.45 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



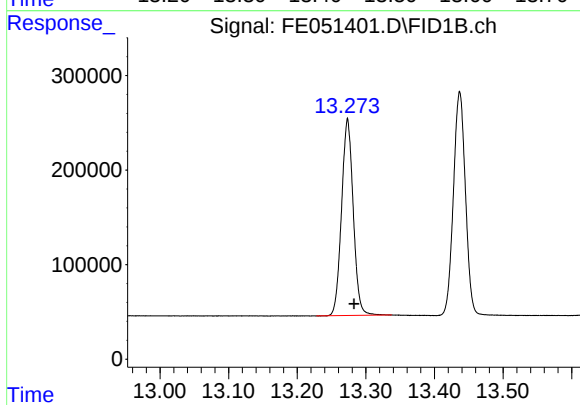
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.010 min
Response: 2933223
Conc: 21.43 ug/ml



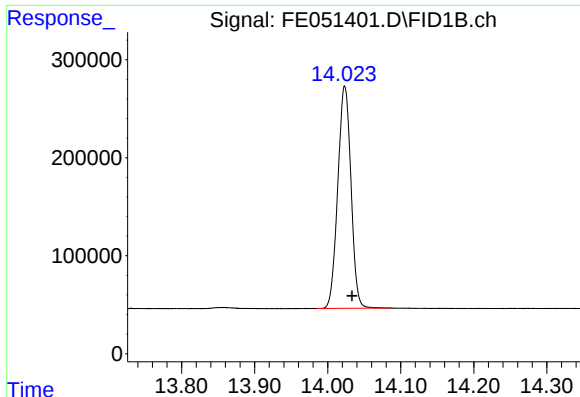
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.011 min
Response: 2880085
Conc: 21.55 ug/ml



#12 1-chlorooctadecane (SURR)

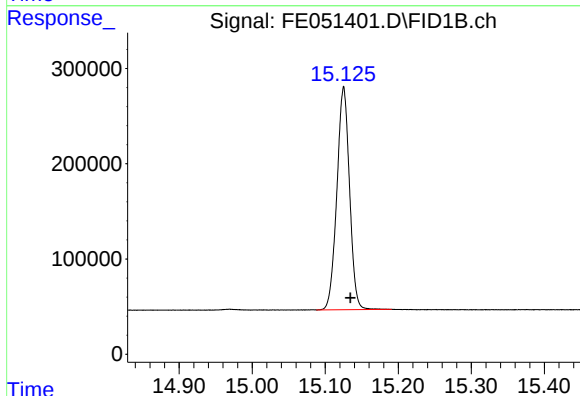
R.T.: 13.273 min
Delta R.T.: -0.010 min
Response: 2456222
Conc: 21.63 ug/ml



#13 n-Docosane (C22)

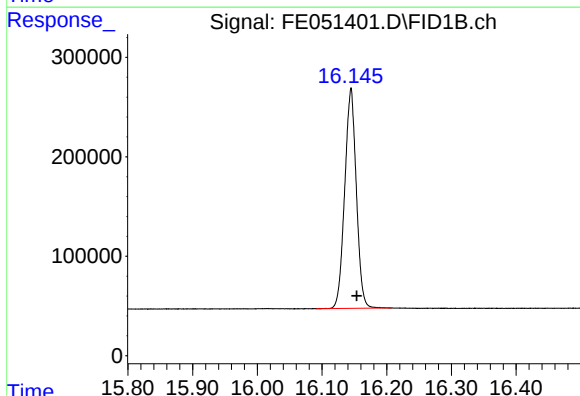
R.T.: 14.023 min
Delta R.T.: -0.010 min
Response: 2847722
Conc: 21.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



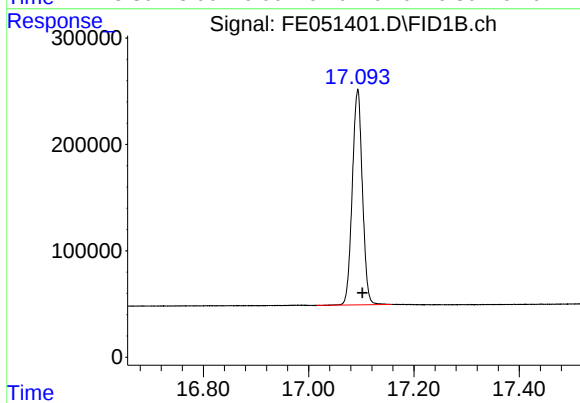
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: -0.009 min
Response: 2816480
Conc: 21.23 ug/ml



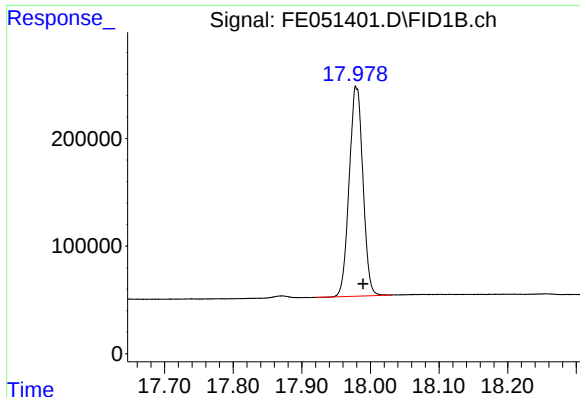
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: -0.009 min
Response: 2756937
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

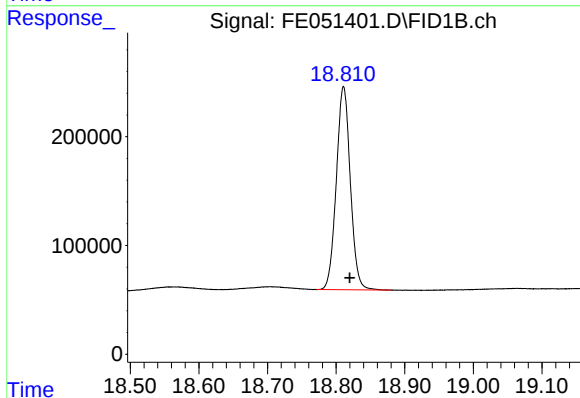
R.T.: 17.093 min
Delta R.T.: -0.009 min
Response: 2697253
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

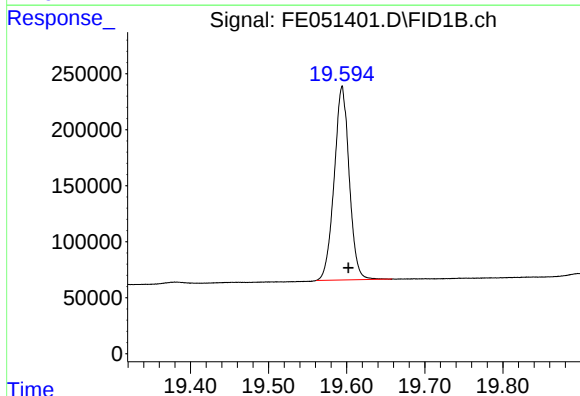
R.T.: 17.980 min
Delta R.T.: -0.010 min
Response: 2709306
Conc: 18.65 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



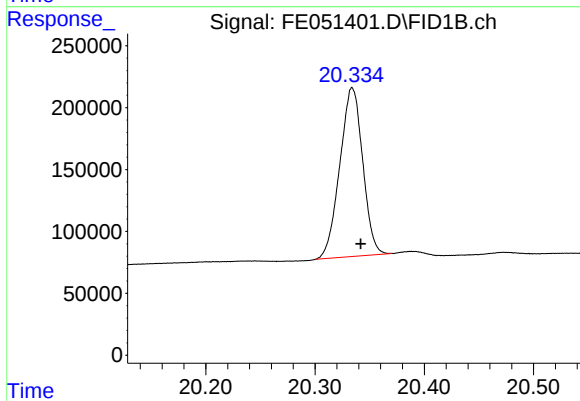
#18 n-Dotriacontane (C32)

R.T.: 18.811 min
Delta R.T.: -0.009 min
Response: 2649058
Conc: 17.84 ug/ml



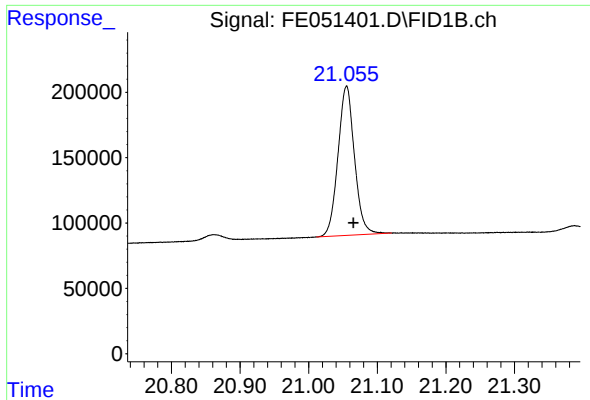
#19 n-Tetratriacontane (C34)

R.T.: 19.594 min
Delta R.T.: -0.008 min
Response: 2317235
Conc: 17.25 ug/ml



#20 n-Hexatriacontane (C36)

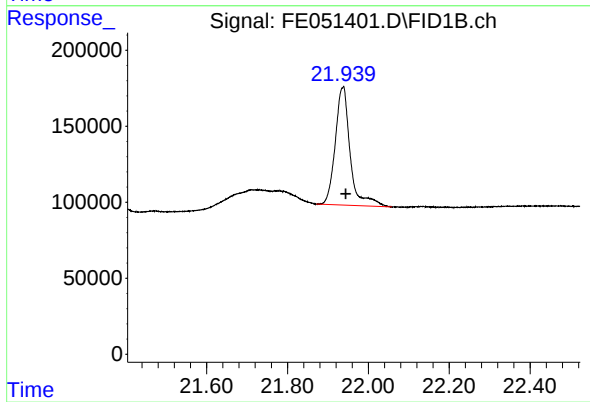
R.T.: 20.334 min
Delta R.T.: -0.008 min
Response: 1982117
Conc: 16.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.055 min
Delta R.T.: -0.010 min
Response: 1903313
Conc: 16.72 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.008 min
Response: 1988044
Conc: 17.87 ug/ml