

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051524AL\
 Data File : FE048199.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2024 21:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 16 03:17:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.958	2971317	20.596 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
12) S 1-chlorooctadecane (S...	13.391	2277744	20.384 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T n-Nonane (C9)	3.346	2984609	23.158 ug/ml
2) T n-Decane (C10)	4.594	3054743	23.203 ug/ml
3) T A~Naphthalene (C11.7)	6.299	3062711	22.180 ug/ml
4) T n-Dodecane (C12)	6.758	3005473	22.545 ug/ml
5) T A~2-methylnaphthalene...	7.395	2870320	21.569 ug/ml
6) T n-Tetradecane (C14)	8.586	2878610	21.722 ug/ml
7) T n-Hexadecane (C16)	10.194	2920544	21.235 ug/ml
8) T n-Octadecane (C18)	11.637	2909505	20.887 ug/ml
10) T n-Eicosane (C20)	12.946	2756868	20.475 ug/ml
11) T n-Heneicosane (C21)	13.557	2689215	20.315 ug/ml
13) T n-Docosane (C22)	14.143	2669367	20.143 ug/ml
14) T n-Tetracosane (C24)	15.245	2694399	20.235 ug/ml
15) T n-Hexacosane (C26)	16.266	2685838	20.127 ug/ml
16) T n-Octacosane (C28)	17.214	2709874	20.353 ug/ml
17) T n-Tricontane (C30)	18.102	2855620	20.691 ug/ml
18) T n-Dotriacontane (C32)	18.932	2890477	20.926 ug/ml
19) T n-Tetratriacontane (C34)	19.716	2789434	20.477 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2682093	19.809 ug/ml
21) T n-Octatriacontane (C38)	21.192	2642920	19.142 ug/ml
22) T n-Tetracontane (C40)	22.112	2615606	18.774 ug/ml

(f)=RT Delta > 1/2 Window

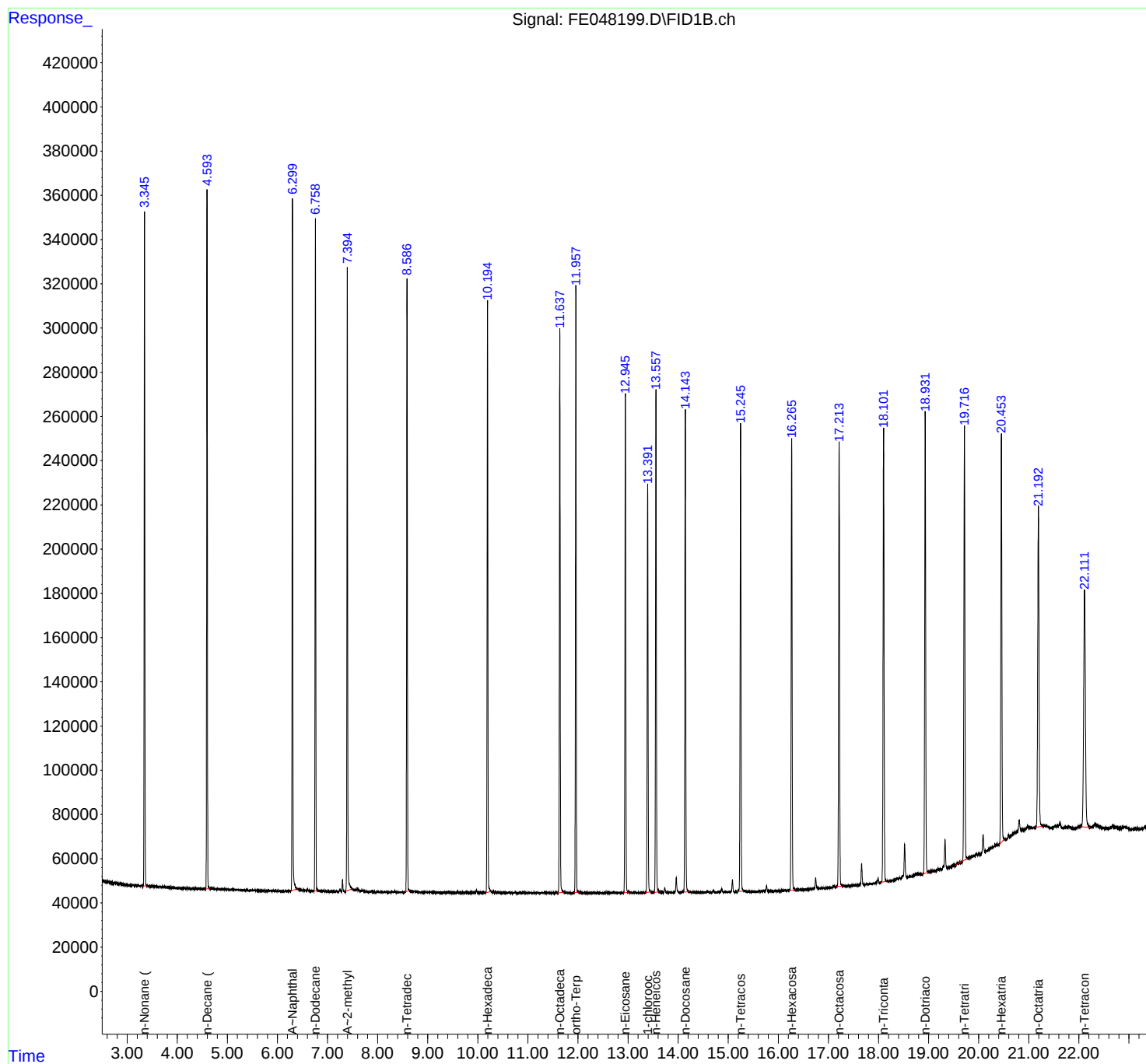
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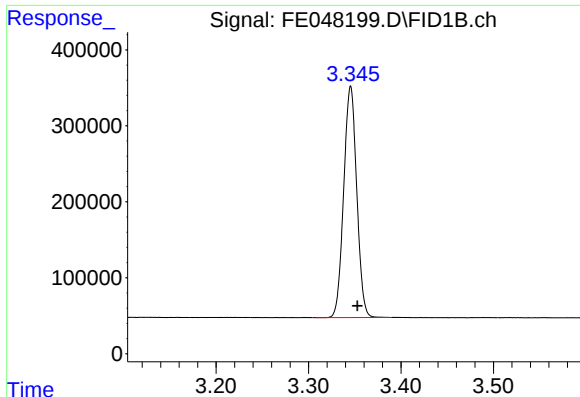
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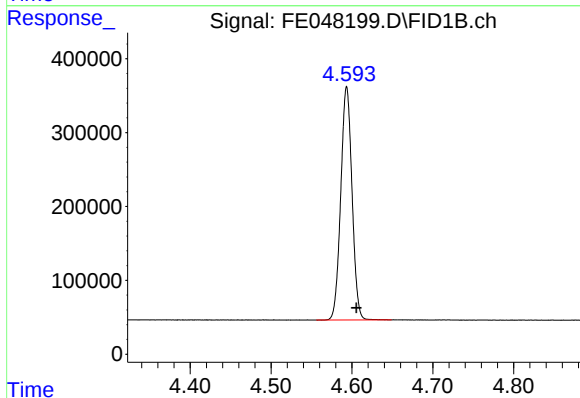




#1 n-Nonane (C9)

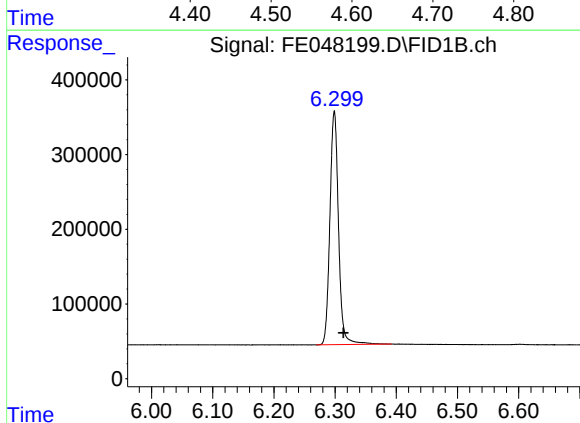
R.T.: 3.346 min
Delta R.T.: -0.007 min
Response: 2984609
Conc: 23.16 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



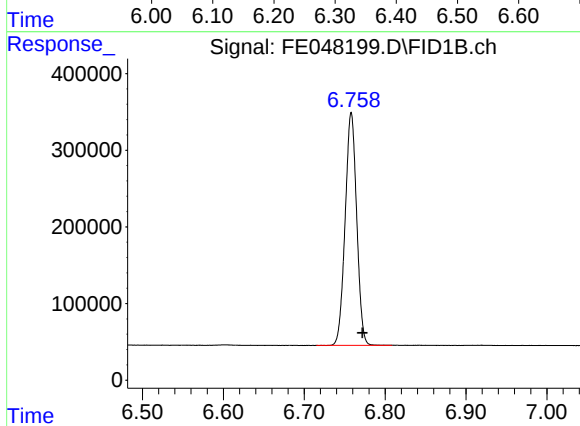
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.012 min
Response: 3054743
Conc: 23.20 ug/ml



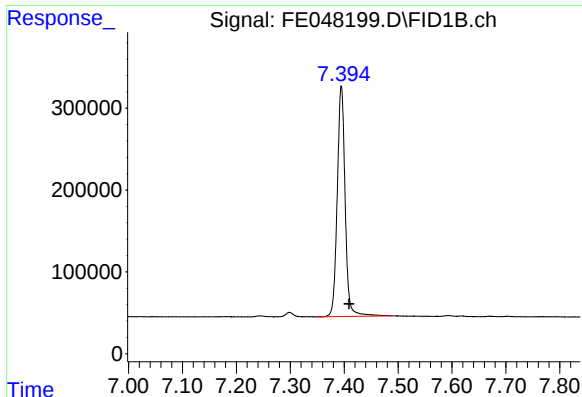
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.015 min
Response: 3062711
Conc: 22.18 ug/ml



#4 n-Dodecane (C12)

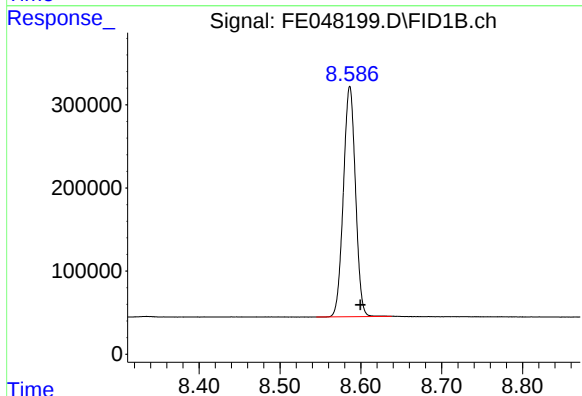
R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 3005473
Conc: 22.54 ug/ml



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

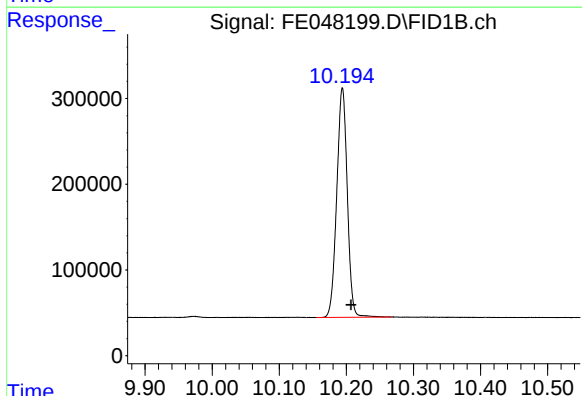
R.T.: 7.395 min
Delta R.T.: -0.014 min
Response: 2870320
Conc: 21.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



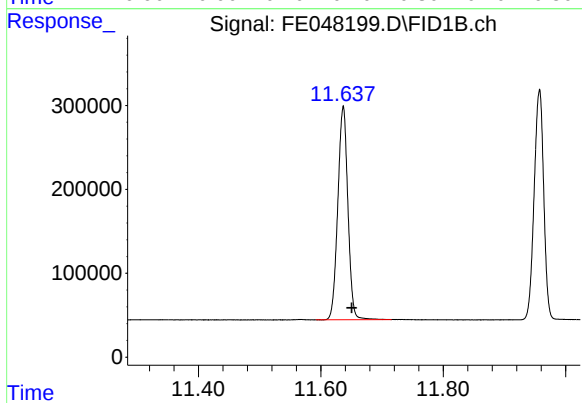
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.013 min
Response: 2878610
Conc: 21.72 ug/ml



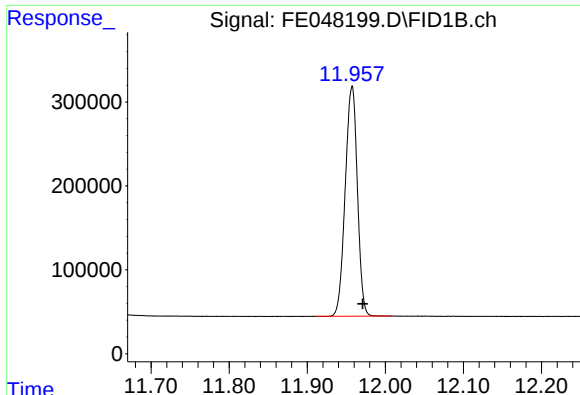
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 2920544
Conc: 21.24 ug/ml



#8 n-Octadecane (C18)

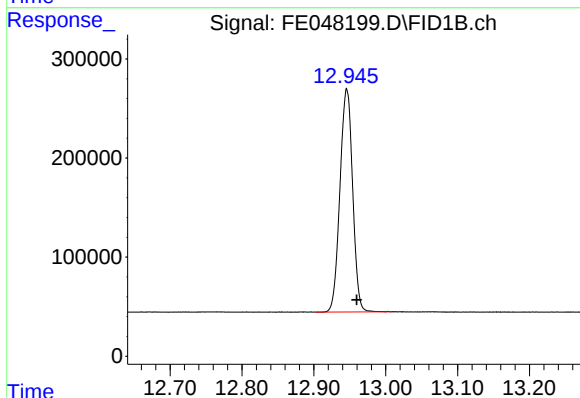
R.T.: 11.637 min
Delta R.T.: -0.014 min
Response: 2909505
Conc: 20.89 ug/ml



#9 ortho-Terphenyl (SURR)

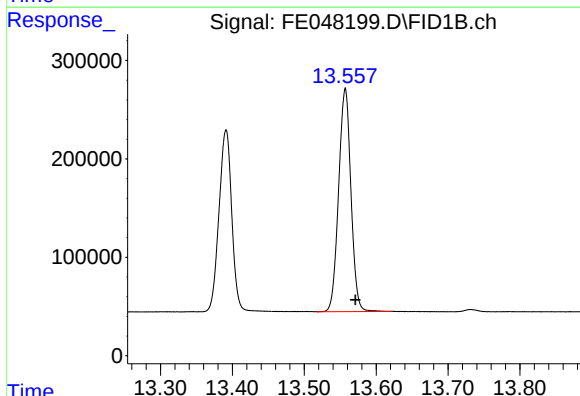
R.T.: 11.958 min
Delta R.T.: -0.013 min
Response: 2971317
Conc: 20.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



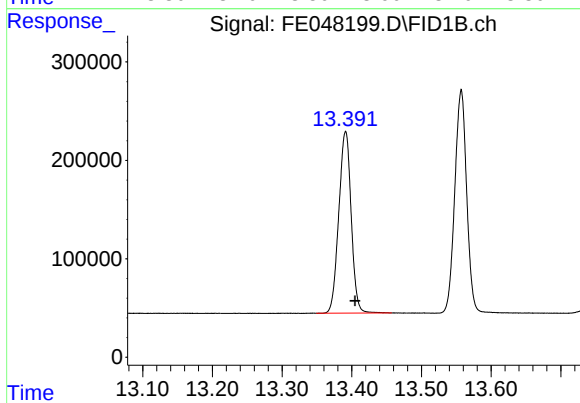
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 2756868
Conc: 20.48 ug/ml



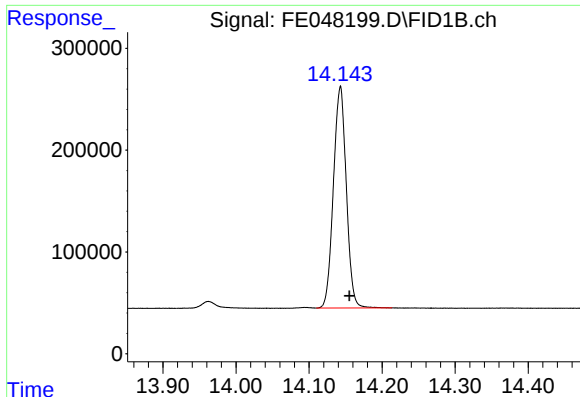
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.014 min
Response: 2689215
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

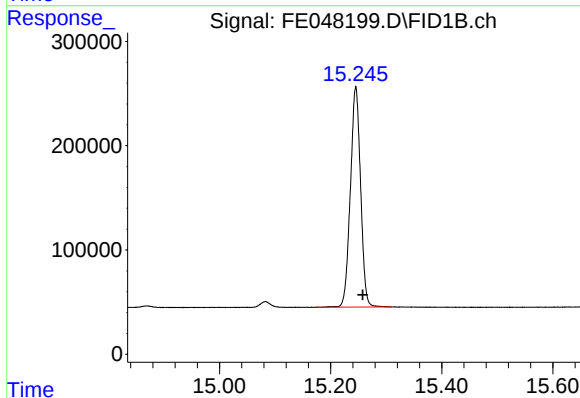
R.T.: 13.391 min
Delta R.T.: -0.014 min
Response: 2277744
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

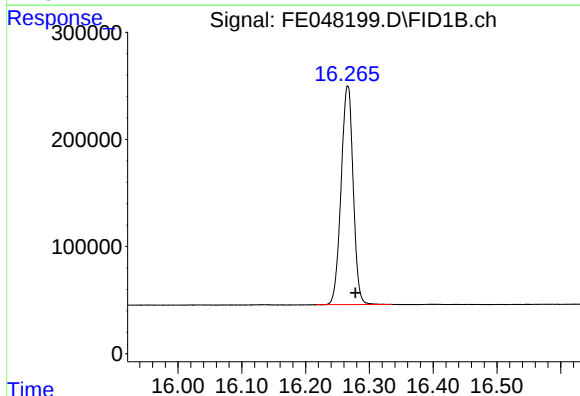
R.T.: 14.143 min
Delta R.T.: -0.012 min
Response: 2669367
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



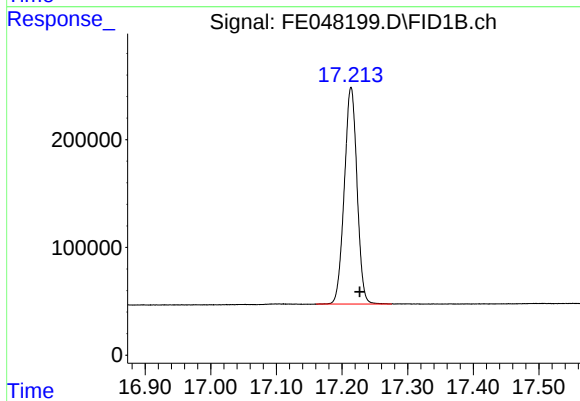
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.013 min
Response: 2694399
Conc: 20.24 ug/ml



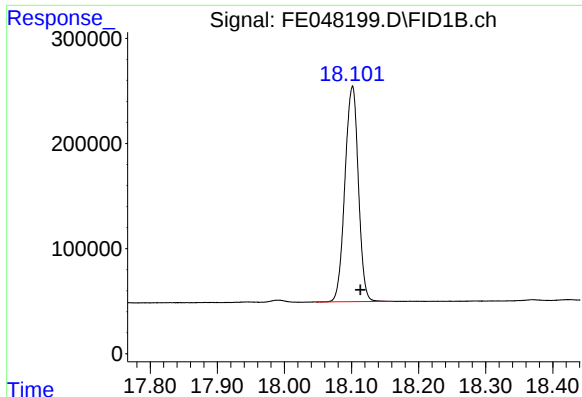
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 2685838
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

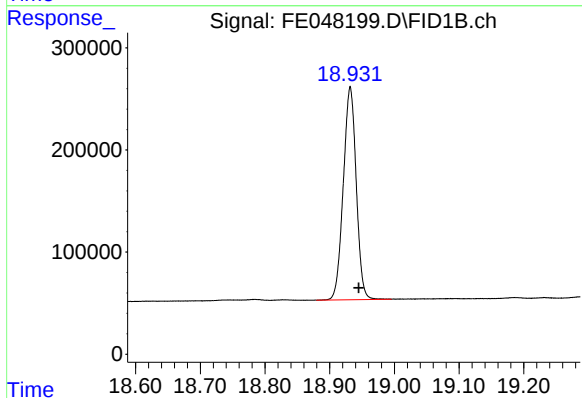
R.T.: 17.214 min
Delta R.T.: -0.013 min
Response: 2709874
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

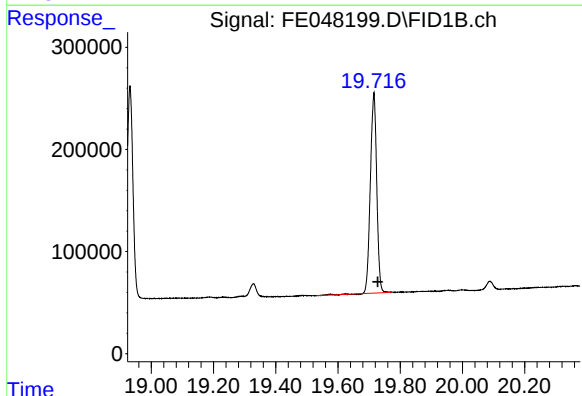
R.T.: 18.102 min
Delta R.T.: -0.012 min
Response: 2855620
Conc: 20.69 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



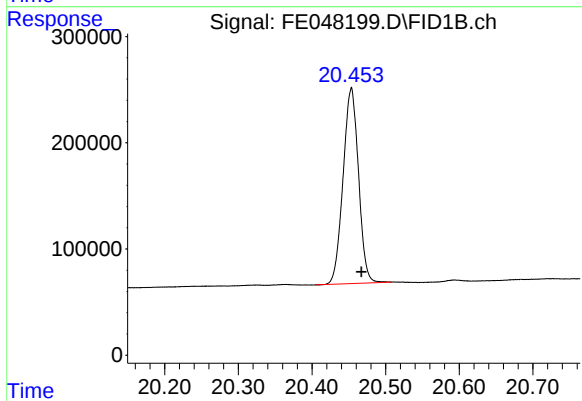
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.013 min
Response: 2890477
Conc: 20.93 ug/ml



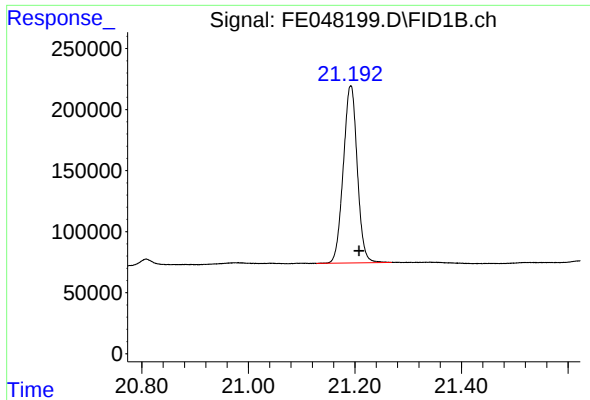
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.012 min
Response: 2789434
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

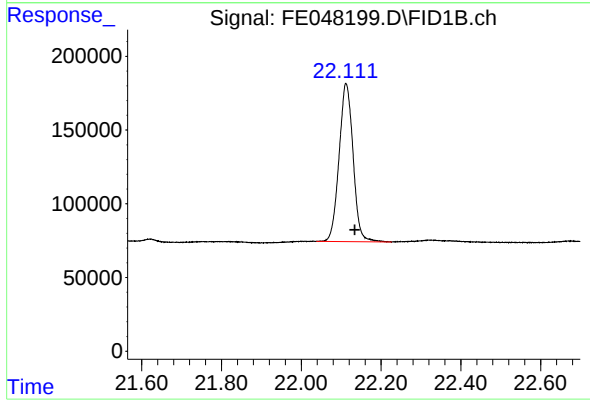
R.T.: 20.454 min
Delta R.T.: -0.014 min
Response: 2682093
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: -0.015 min
Response: 2642920
Conc: 19.14 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: -0.022 min
Response: 2615606
Conc: 18.77 ug/ml