

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122123AL\
 Data File : FE045917.D
 Signal(s) : FID1B.ch
 Acq On : 21 Dec 2023 13:02
 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: Dec 21 22:30:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.837	3987694	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
12) S 1-chlorooctadecane (S...	13.281	2935705	18.658 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.226	3308140	20.862 ug/ml
2) T n-Decane (C10)	4.476	3358269	20.972 ug/ml
3) T A~Naphthalene (C11.7)	6.177	3619561	20.779 ug/ml
4) T n-Dodecane (C12)	6.644	3386691	20.967 ug/ml
5) T A~2-methylnaphthalene...	7.273	3508639	20.661 ug/ml
6) T n-Tetradecane (C14)	8.470	3361847	20.956 ug/ml
7) T n-Hexadecane (C16)	10.080	3411443	20.601 ug/ml
8) T n-Octadecane (C18)	11.524	3421446	19.956 ug/ml
10) T n-Eicosane (C20)	12.836	3291013	19.021 ug/ml
11) T n-Heneicosane (C21)	13.450	3226213	18.754 ug/ml
13) T n-Docosane (C22)	14.037	3165157	18.357 ug/ml
14) T n-Tetracosane (C24)	15.142	3092806	17.716 ug/ml
15) T n-Hexacosane (C26)	16.165	3009758	17.282 ug/ml
16) T n-Octacosane (C28)	17.116	2960413	17.129 ug/ml
17) T n-Tricontane (C30)	18.008	3030957	17.325 ug/ml
18) T n-Dotriacontane (C32)	18.843	3035954	16.641 ug/ml
19) T n-Tetratriacontane (C34)	19.631	2987855	18.007 ug/ml
20) T n-Hexatriacontane (C36)	20.375	2974322	18.737 ug/ml
21) T n-Octatriacontane (C38)	21.107	3064105	19.539 ug/ml
22) T n-Tetracontane (C40)	22.007	3229806	22.727 ug/ml

(f)=RT Delta > 1/2 Window

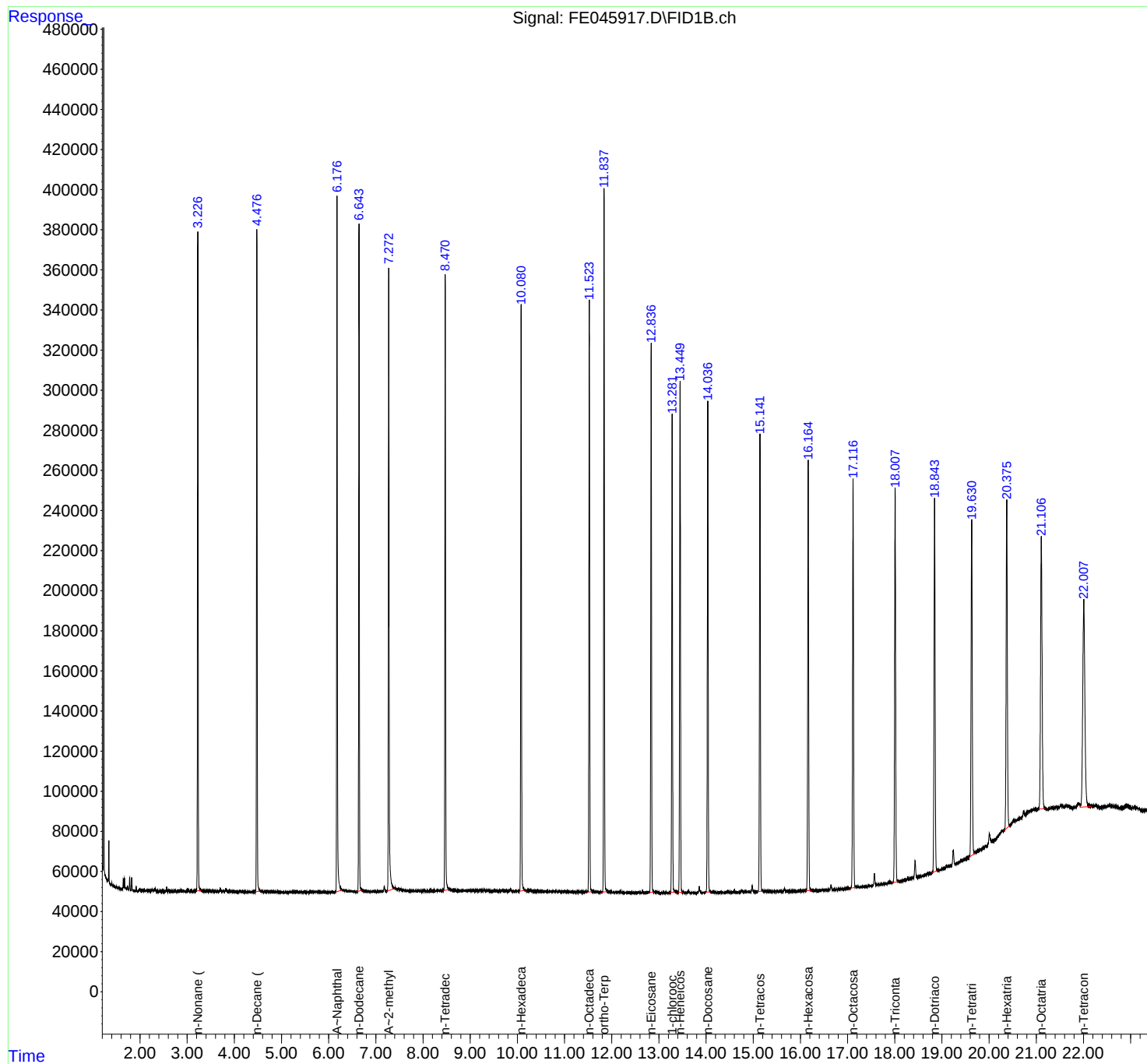
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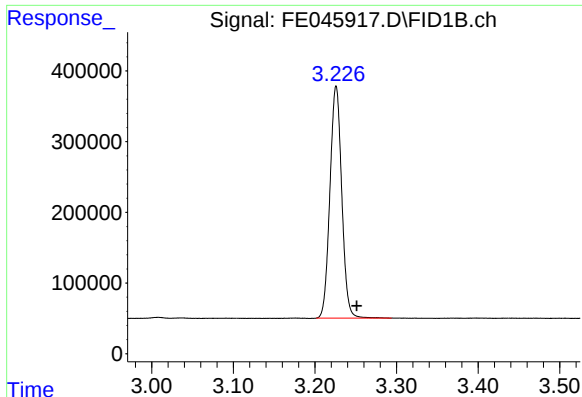
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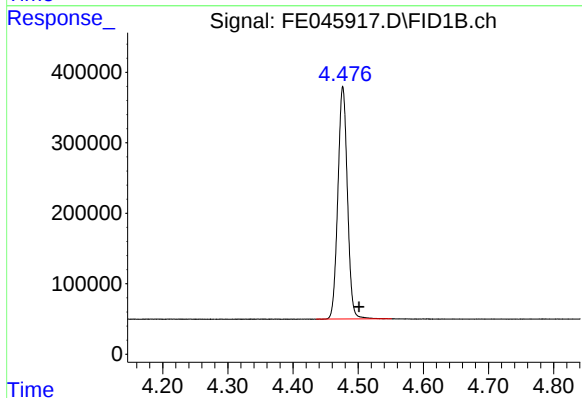




#1 n-Nonane (C9)

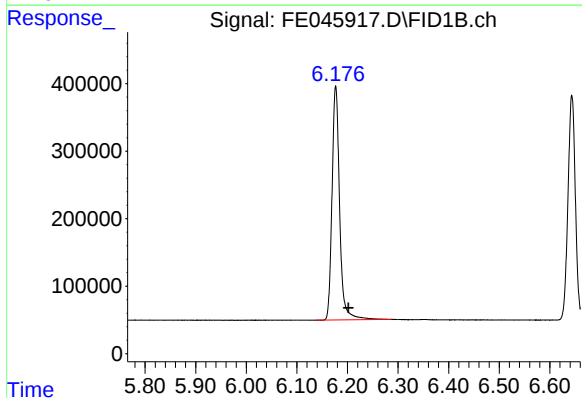
R.T.: 3.226 min
Delta R.T.: -0.025 min
Response: 3308140
Conc: 20.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



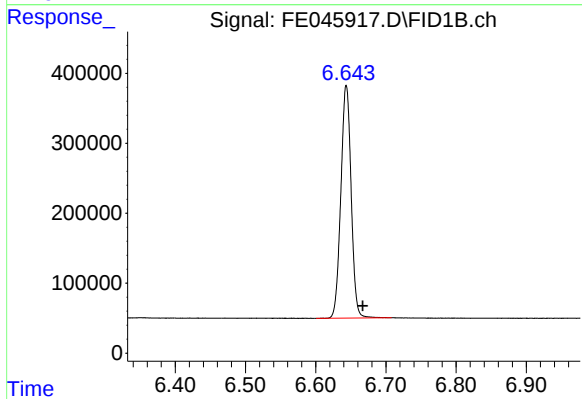
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.025 min
Response: 3358269
Conc: 20.97 ug/ml



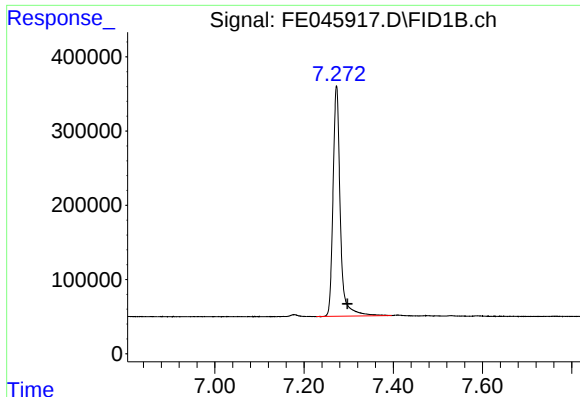
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: -0.025 min
Response: 3619561
Conc: 20.78 ug/ml



#4 n-Dodecane (C12)

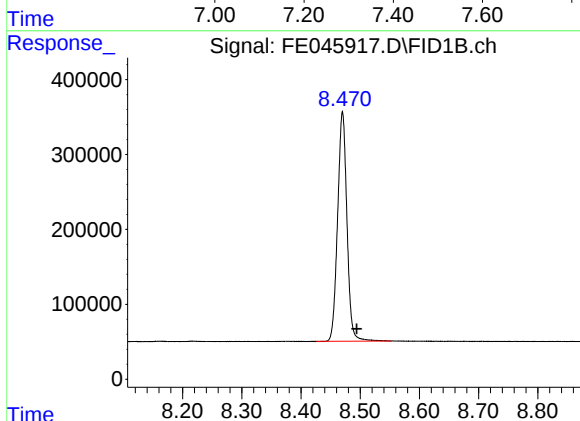
R.T.: 6.644 min
Delta R.T.: -0.023 min
Response: 3386691
Conc: 20.97 ug/ml



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

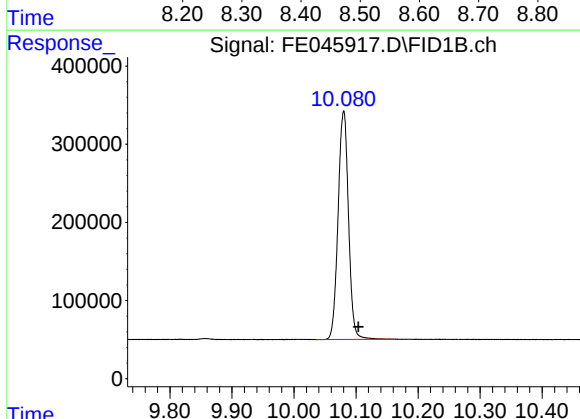
R.T.: 7.273 min
Delta R.T.: -0.024 min
Response: 3508639
Conc: 20.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



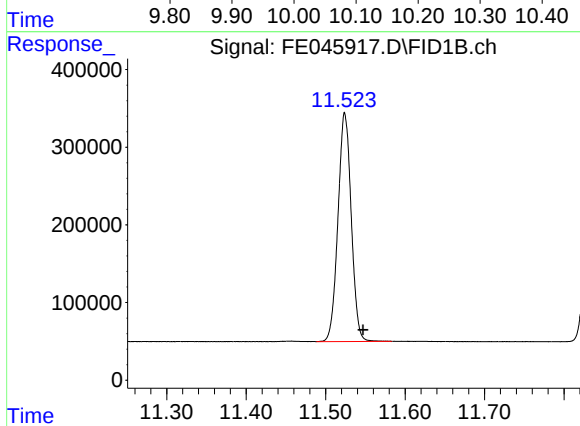
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.024 min
Response: 3361847
Conc: 20.96 ug/ml



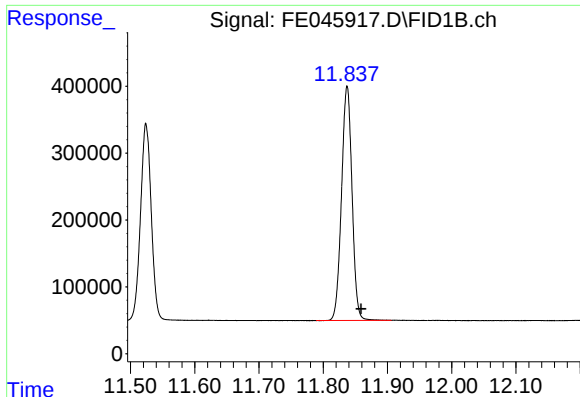
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.024 min
Response: 3411443
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

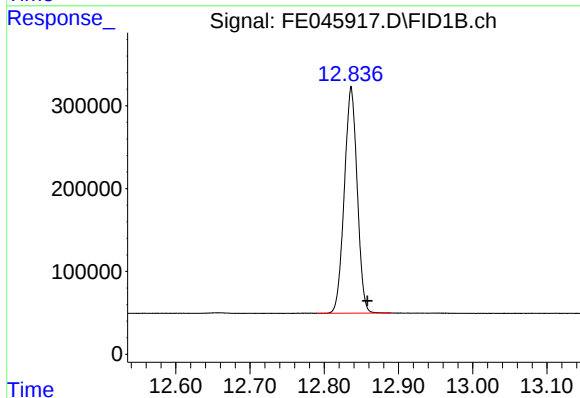
R.T.: 11.524 min
Delta R.T.: -0.023 min
Response: 3421446
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

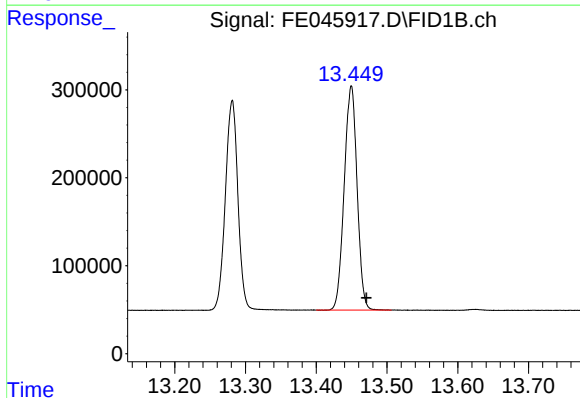
R.T.: 11.837 min
Delta R.T.: -0.022 min
Response: 3987694
Conc: 19.07 ug/ml

Instrument :
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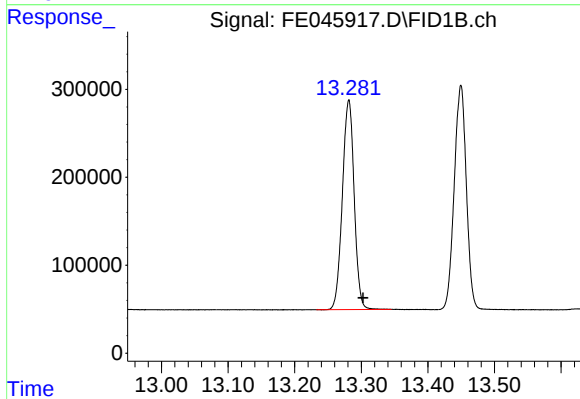
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.022 min
Response: 3291013
Conc: 19.02 ug/ml



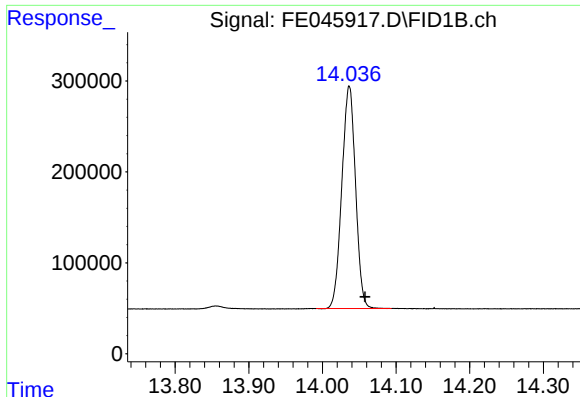
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.021 min
Response: 3226213
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

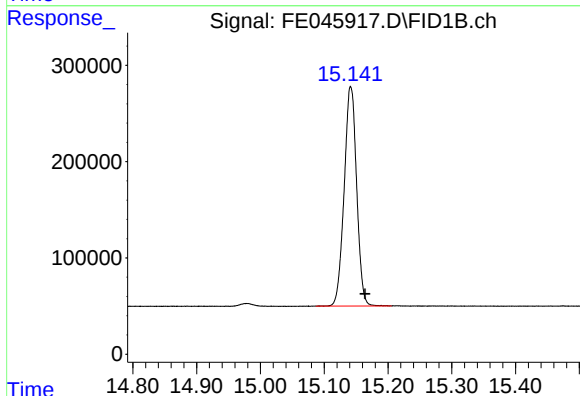
R.T.: 13.281 min
Delta R.T.: -0.022 min
Response: 2935705
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

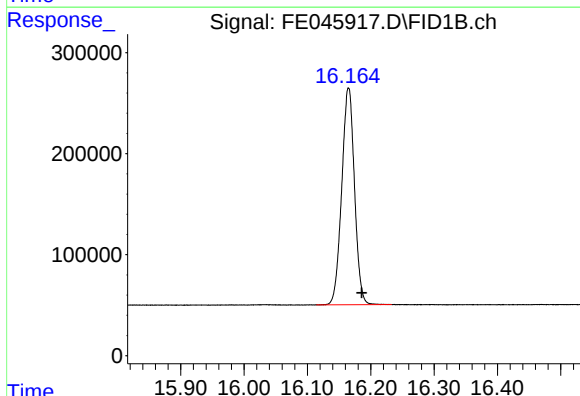
R.T.: 14.037 min
Delta R.T.: -0.022 min
Response: 3165157
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



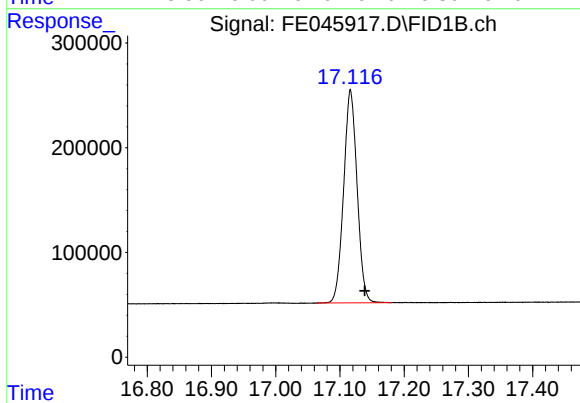
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.022 min
Response: 3092806
Conc: 17.72 ug/ml



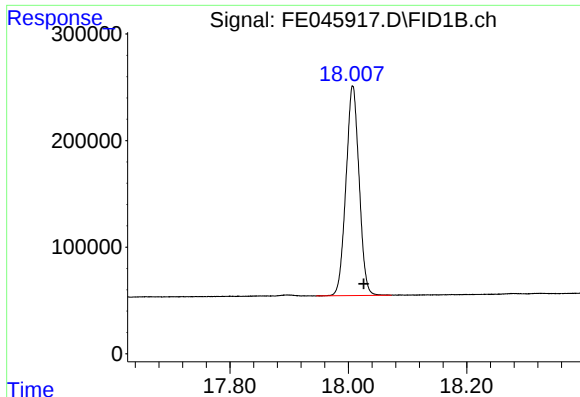
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.021 min
Response: 3009758
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

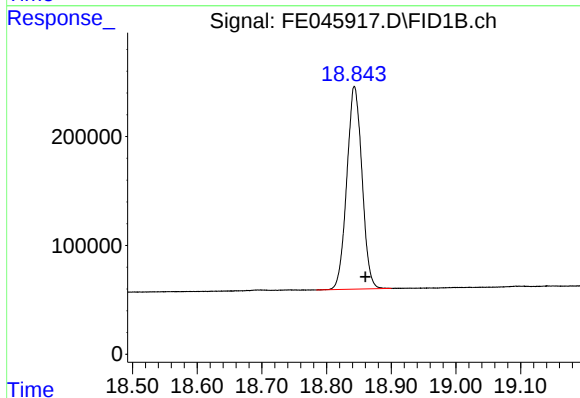
R.T.: 17.116 min
Delta R.T.: -0.022 min
Response: 2960413
Conc: 17.13 ug/ml



#17 n-Tricontane (C30)

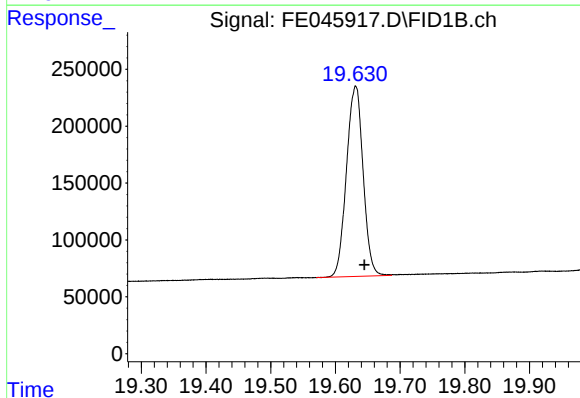
R.T.: 18.008 min
Delta R.T.: -0.019 min
Response: 3030957
Conc: 17.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



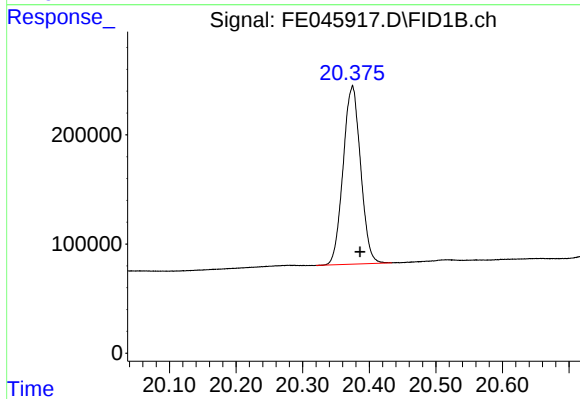
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.017 min
Response: 3035954
Conc: 16.64 ug/ml



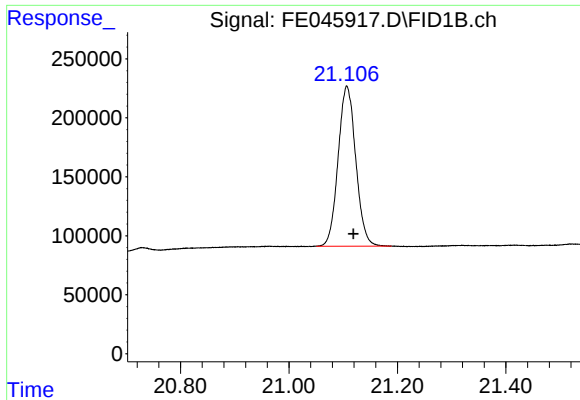
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.013 min
Response: 2987855
Conc: 18.01 ug/ml



#20 n-Hexatriacontane (C36)

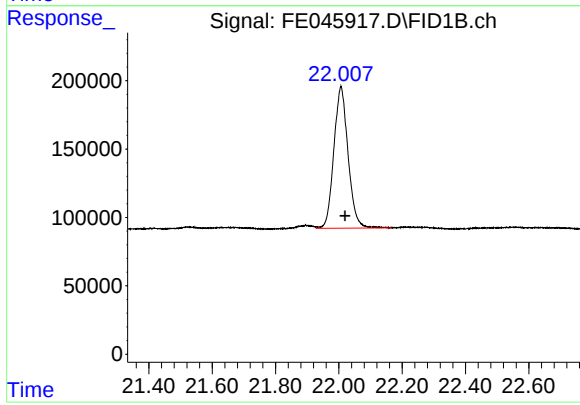
R.T.: 20.375 min
Delta R.T.: -0.011 min
Response: 2974322
Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.012 min
Response: 3064105
Conc: 19.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: -0.013 min
Response: 3229806
Conc: 22.73 ug/ml