

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110623AL\
 Data File : FE045224.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2023 21:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 06 23:12:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.885	3845950	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	13.327	2762708	20.058 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.271	3477522	21.050 ug/ml
2) T n-Decane (C10)	4.522	3498847	20.866 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3681576	20.625 ug/ml
4) T n-Dodecane (C12)	6.688	3482841	20.623 ug/ml
5) T A~2-methylnaphthalene...	7.319	3522694	20.514 ug/ml
6) T n-Tetradecane (C14)	8.515	3380357	20.282 ug/ml
7) T n-Hexadecane (C16)	10.125	3382488	20.110 ug/ml
8) T n-Octadecane (C18)	11.571	3335025	19.926 ug/ml
10) T n-Eicosane (C20)	12.882	3151833	19.897 ug/ml
11) T n-Heneicosane (C21)	13.495	3069795	19.965 ug/ml
13) T n-Docosane (C22)	14.083	3012326	19.881 ug/ml
14) T n-Tetracosane (C24)	15.189	2957704	19.970 ug/ml
15) T n-Hexacosane (C26)	16.211	2919554	20.030 ug/ml
16) T n-Octacosane (C28)	17.162	2939562	20.116 ug/ml
17) T n-Tricontane (C30)	18.052	2997077	19.731 ug/ml
18) T n-Dotriacontane (C32)	18.886	3042171	19.473 ug/ml
19) T n-Tetratriacontane (C34)	19.673	3088296	19.779 ug/ml
20) T n-Hexatriacontane (C36)	20.415	3231071	19.906 ug/ml
21) T n-Octatriacontane (C38)	21.153	3299973	19.862 ug/ml
22) T n-Tetracontane (C40)	22.067	3390994	19.853 ug/ml

(f)=RT Delta > 1/2 Window

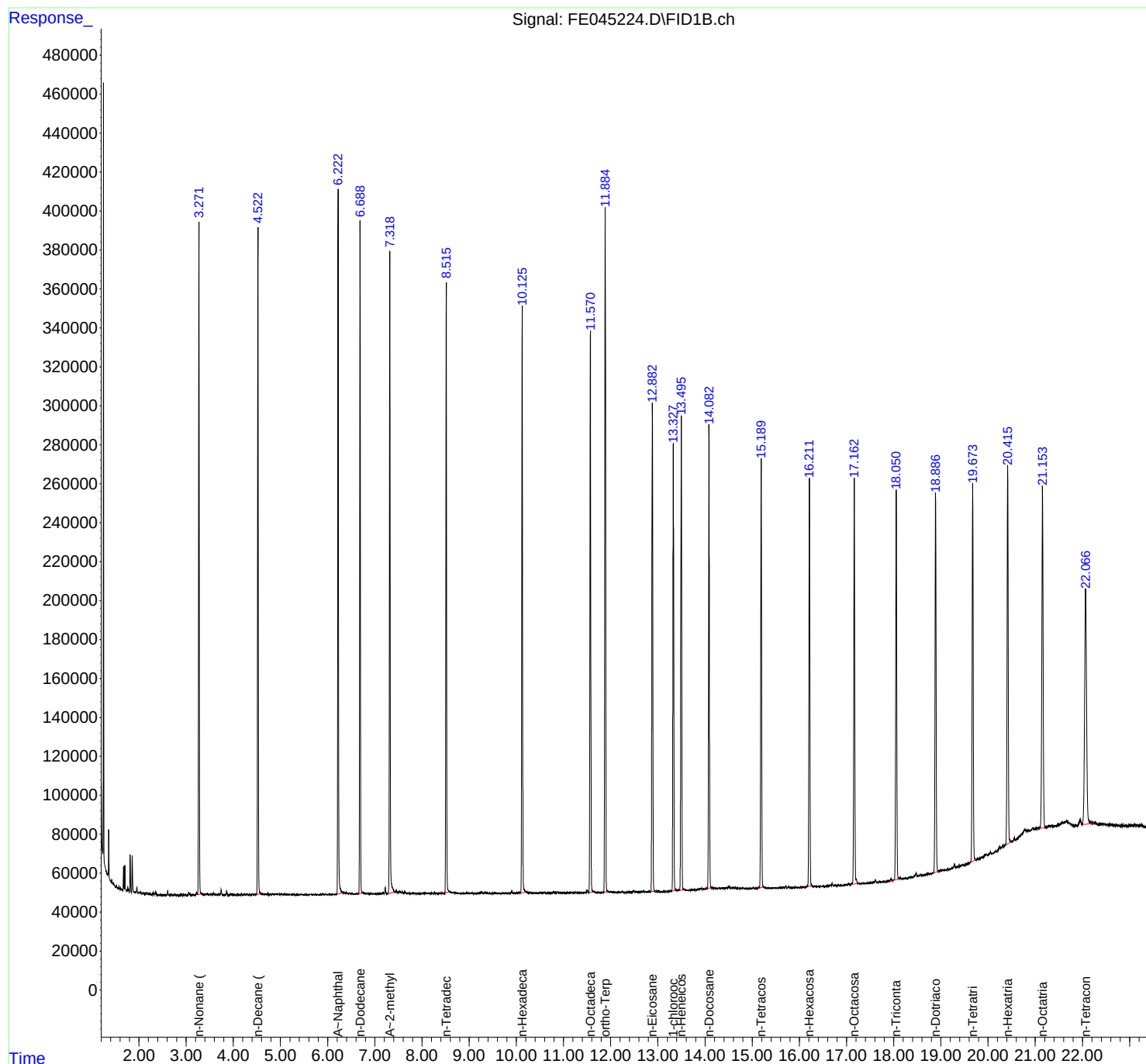
(m)=manual int.

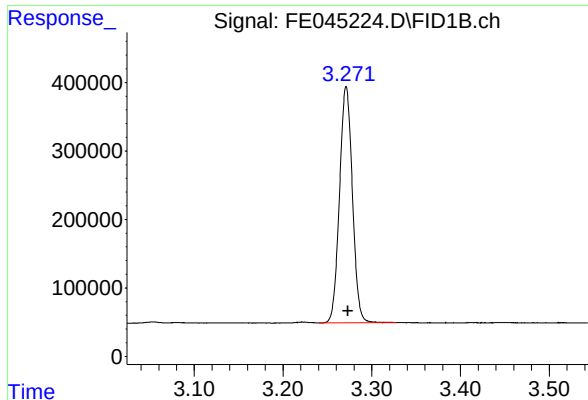
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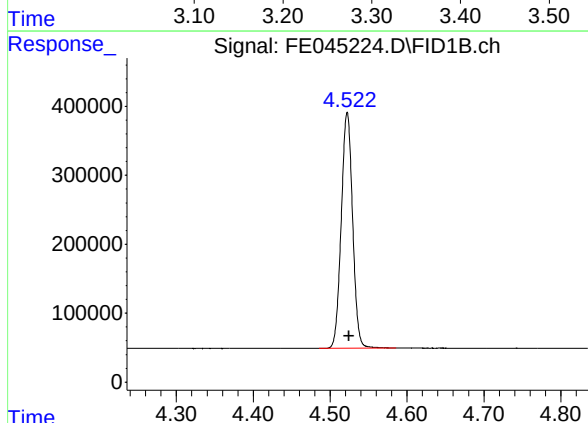




#1 n-Nonane (C9)

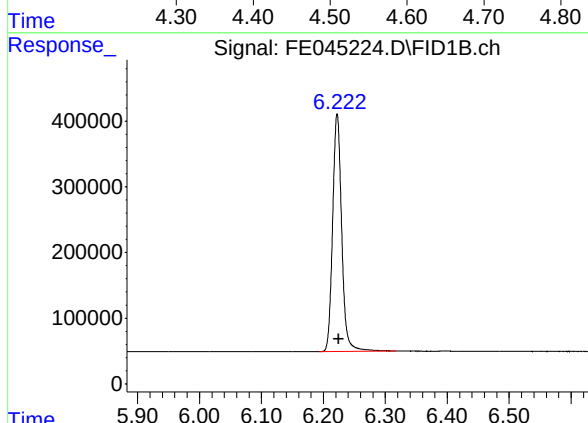
R.T.: 3.271 min
Delta R.T.: -0.002 min
Response: 3477522
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :



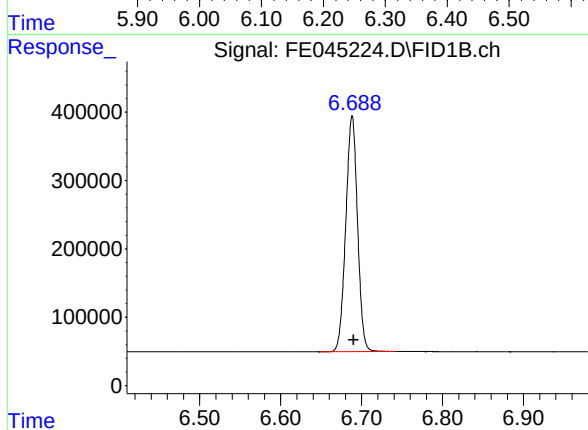
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 3498847
Conc: 20.87 ug/ml



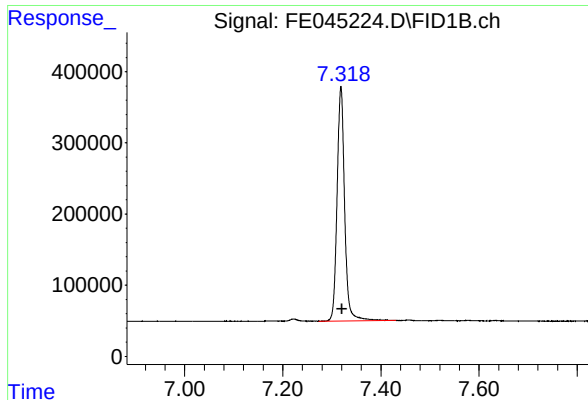
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 3681576
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

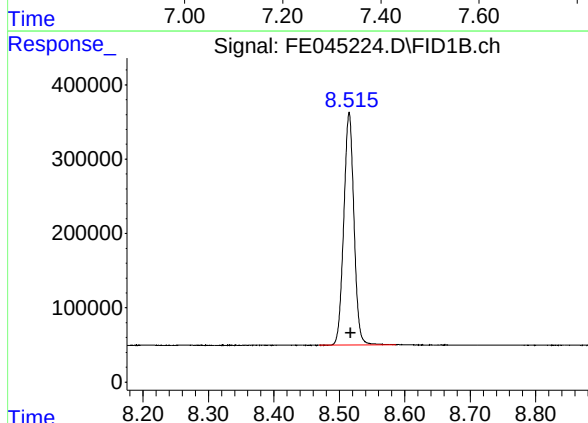
R.T.: 6.688 min
Delta R.T.: -0.002 min
Response: 3482841
Conc: 20.62 ug/ml



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

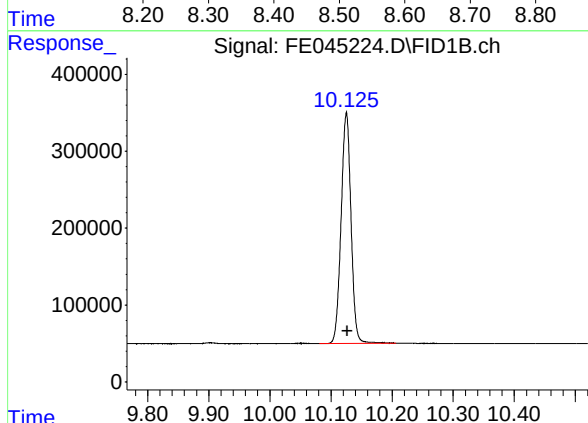
R.T.: 7.319 min
Delta R.T.: -0.002 min
Response: 3522694
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :



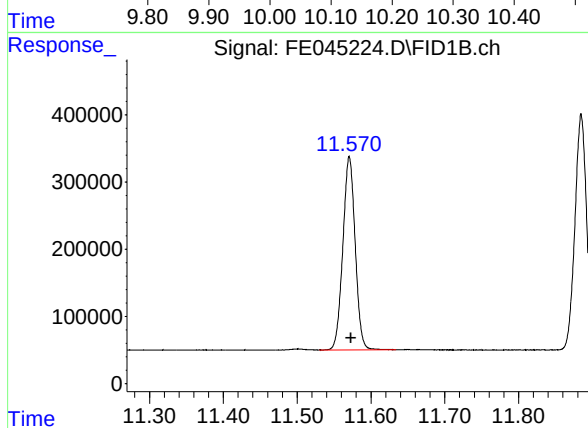
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.002 min
Response: 3380357
Conc: 20.28 ug/ml



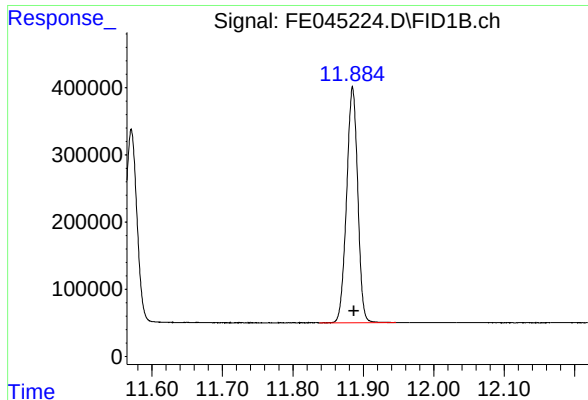
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.001 min
Response: 3382488
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: -0.002 min
Response: 3335025
Conc: 19.93 ug/ml



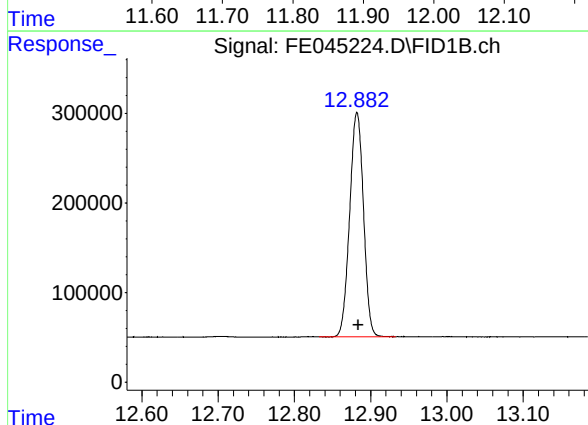
#9 ortho-Terphenyl (SURR)

R.T.: 11.885 min
Delta R.T.: -0.002 min
Response: 3845950
Conc: 20.14 ug/ml

Instrument :

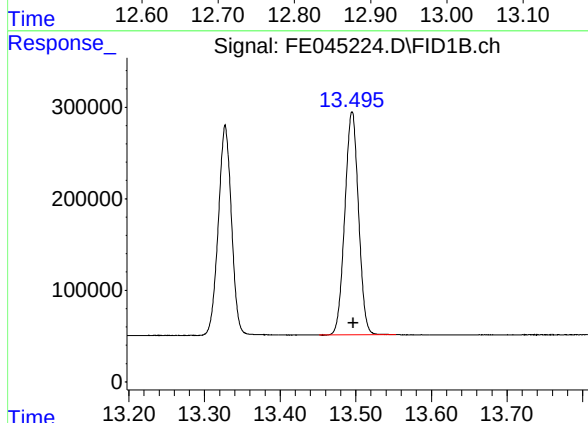
FID_E

ClientSampleId :



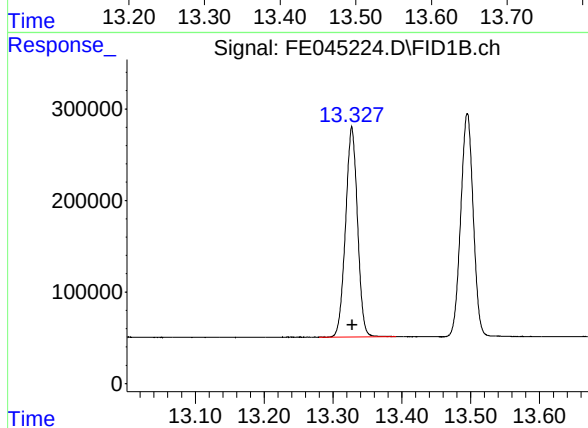
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.002 min
Response: 3151833
Conc: 19.90 ug/ml



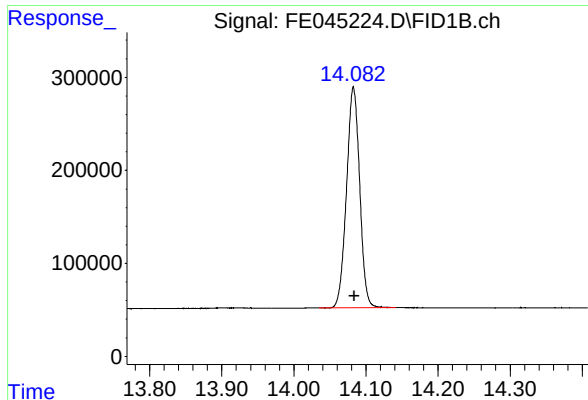
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.002 min
Response: 3069795
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

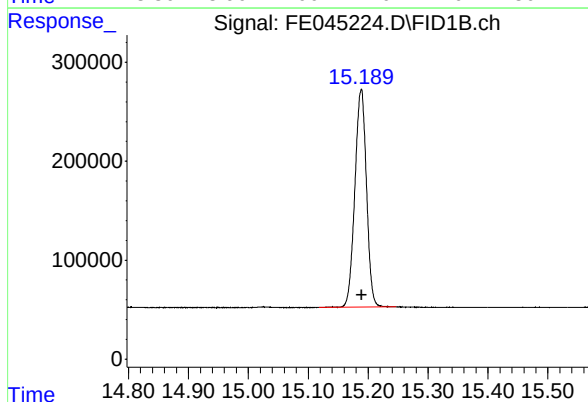
R.T.: 13.327 min
Delta R.T.: 0.000 min
Response: 2762708
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

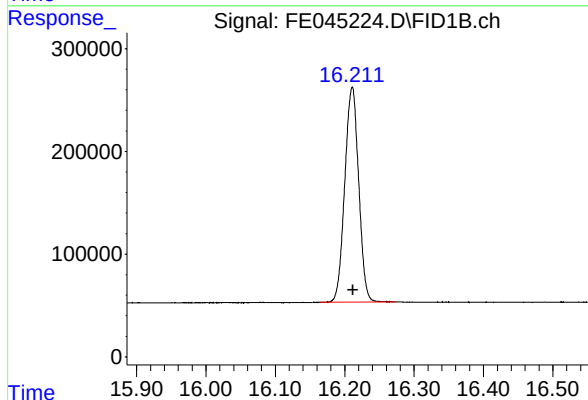
R.T.: 14.083 min
Delta R.T.: -0.001 min
Response: 3012326
Conc: 19.88 ug/ml

Instrument :
FID_E
ClientSampleId :



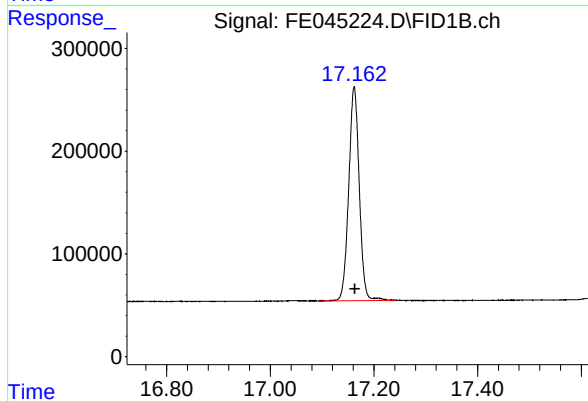
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: 0.000 min
Response: 2957704
Conc: 19.97 ug/ml



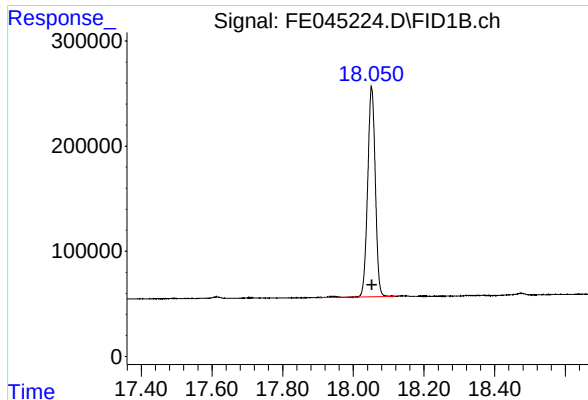
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 2919554
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

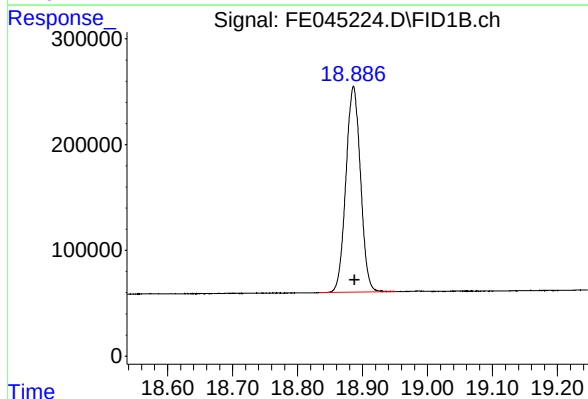
R.T.: 17.162 min
Delta R.T.: -0.002 min
Response: 2939562
Conc: 20.12 ug/ml



#17 n-Tricontane (C30)

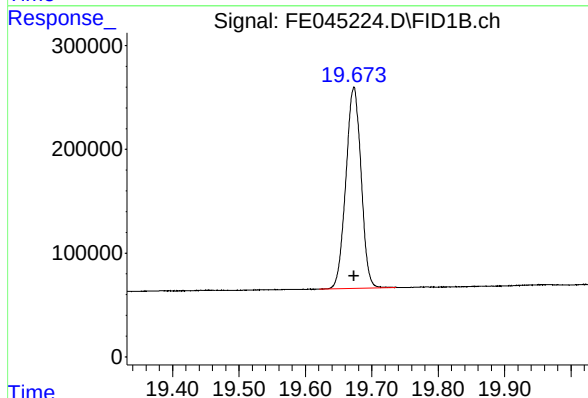
R.T.: 18.052 min
Delta R.T.: -0.001 min
Response: 2997077
Conc: 19.73 ug/ml

Instrument :
FID_E
ClientSampleId :



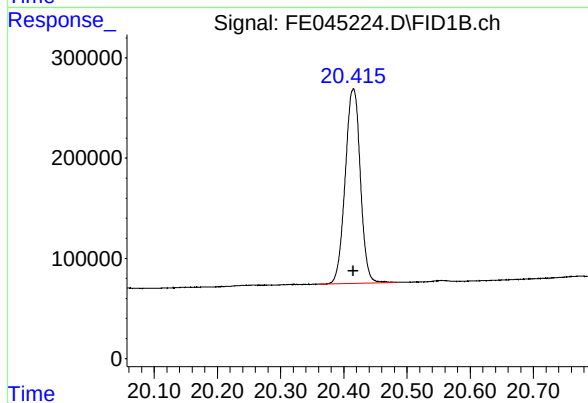
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.001 min
Response: 3042171
Conc: 19.47 ug/ml



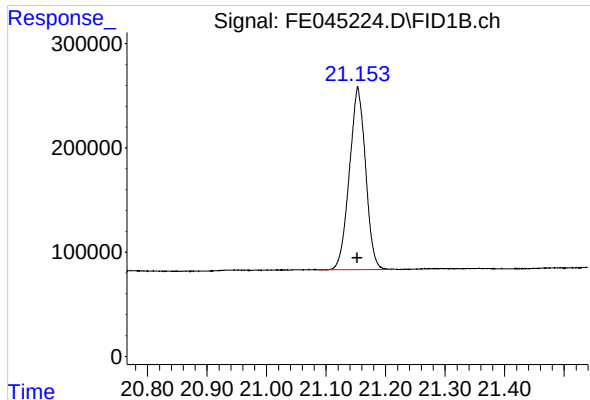
#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: 0.000 min
Response: 3088296
Conc: 19.78 ug/ml



#20 n-Hexatriacontane (C36)

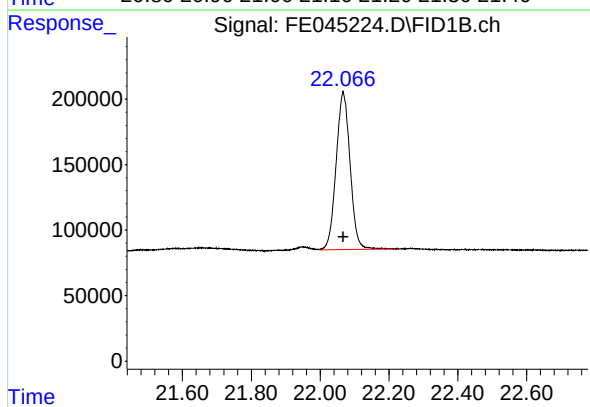
R.T.: 20.415 min
Delta R.T.: 0.000 min
Response: 3231071
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.153 min
Delta R.T.: 0.000 min
Response: 3299973
Conc: 19.86 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: 0.000 min
Response: 3390994
Conc: 19.85 ug/ml